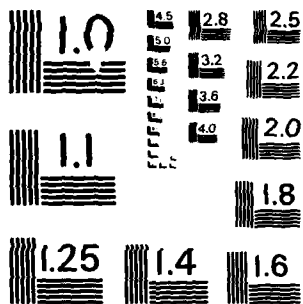


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TRAVIS AIR FORCE BASE CALIFORNIA REVISED UNIFORM
SUMMARY OF SURFACE WEATH... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 19 DEC 83
UNCLASSIFIED USAFETAC/DS-83/052 S81-AD-E850 505 F/G 4/2 NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

1. LOCATION :
2. DATE :
3. TIME :
4. OBSERVER :
5. INSTRUMENTS :
6. WEATHER :
7. WIND :
8. CLOUDS :
9. VISIBILITY :
10. COMMENTS :

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 83 052	2. GOVT ACCESSION NO. 11-215751	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- TRAVIS AIR FORCE BASE, CALIFORNIA		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT PROJECT TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE DEC 83															
		13. NUMBER OF PAGES p.320															
		15. SECURITY CLASS. of this report UNCLASSIFIED															
16. DISTRIBUTION STATEMENT of this Report Approved for public release; distribution unlimited.		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE															
17. DISTRIBUTION STATEMENT of the abstract entered in RI- & 20, if different from Report																	
18. SUPPLEMENTARY NOTES SUPERSEDES REPT. NO. USAFETAC DS-80 007, AD-A081 402, FEB 80.																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for TRAVIS AIR FORCE BASE, CALIFORNIA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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UNCLASSIFIED

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

USCA745160

*CALIFORNIA

*TRAVIS AFB

*SUISON AFB

* TRAVIS AIR FORCE BASE

*FAIRFIELD

*SUISON

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



Accession For	
NTIS	<input checked="checked" type="checkbox"/>
DTIC	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Avail and/or	
Dist	Special
A-1	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. FT.	ASL OR MSL	WMO NUMBER
745160	TRAVIS AFB CA/FAIRFIELD	N 38 16	W 121 56	62 Ft	MSL	74516

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO	
1	Suisun AFB, Fairfield CA	APB	Jan 47	May 48	N 38 16	W 121 56	56	59 Ft	24
2	Travis AFB CA	Same	Jun 48	Dec 72	Same	Same	62	Same	24
3	Same	Same	Jan 73	Dec 79	Same	Same	Same	Same	24
4	Same	Same	Jan 80	Nov 83	Same	Same	Same	Same	24
NOTE: WEATHER MODIFICATION CONDUCTED (JAN 68) (REF AWSTR-74-247)									

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 47	Located on roof of control tower	Selsyn	ML-144	66 Ft	
2	Mar 53	Same	Same	Same	68 Ft	
3	Mar 54	Same	Same	Same	60 Ft	
4	Jul 57	Located 100 yds SE of rnwy 21L and 100 yds SW of GCA site.	GMQ-11	RO-2A	14 Ft	
5	Aug 62	Located 570 ft right of centerline of rnwy 21L and 975 ft from the end of rnwy 21L	Same	Same	15.5 ft	
6	Apr 66	1. Located 500 ft from centerline on right side of rnwy 03R and 1340 ft from takeoff end of 03R	Same	FMI-06B	13 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Apr 67	2. Located 500 ft from centerline on right side of rnwy 21L and 100 ft from takeoff end of 21L	Same	Same	13 ft	
		1. Same	Same	PO-214	13 ft	
		2. Same			13 ft	
8	Apr 69	1. Same	Same	PO-362	13 ft	
		2. Same	Same		13 ft	
9	Jan 71	1. Located 500 ft SE of centerline and 1070 ft E of rnwy 03R	GMQ-2	Same	13 ft	
		2. Located 600 ft NNE of centerline and 1060 ft NE of end of rnwy 21L	Same		13 ft	
10	Dec 70	1. Same	Same	Same	13 ft	
		2. Same	Same		13 ft	
11	Nov 68	1. Same	Same	Same	13 ft	
		2. Same	Same		13 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

74-160 TRAVIS AFB CA 74-83 JAN
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	0-01		10.1				10.1	43.3	5.0			44.4	930
	02-03		11.0		.1		11.1	47.2	2.0			47.0	930
	04-05		11.0		.4		11.2	51.7	2.3			52.0	930
	06-11	.1	12.5		.1		12.6	49.7	6.4			52.1	929
	12-14	.1	11.9		.1		11.9	37.1	10.5			43.1	930
	15-17	.1	12.8				12.6	29.0	14.4			38.0	930
	18-20		11.4		.1		11.5	35.4	10.3			40.0	930
	21-23		9.2		.3		9.5	38.9	7.6			41.2	930
TOTALS		.1	11.2		.1		11.3	41.5	7.4			44.6	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74-16

TRAVIS AFB CA

74-57

STATION

STATION NAME

YEARS

TE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	0-0		7.9		.2		10.2	14.6	4.5			12.4	44
	01-06	.1	10.3		.2		11.5	17.6	4.7			11.3	44
	07-12		12.3		.1		12.4	26.5	4.4			27.8	44
	13-18		11.3		.4		11.7	23.4	6.4			26.1	44
	19-24	.1	11.5				11.5	12.5	9.7			17.1	46
	25-01	.1	12.4				12.4	9.3	9.3			14.2	46
	02-07		10.6				10.7	10.0	9.3			10.3	46
	08-13		9.7		.1		9.8	11.0	6.5			14.2	46
TOTALS		.3	13.7		.1		11.0	15.9	6.9			19.7	676

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

74 16 TRAVIS AFB CA

74-87

41

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS
4A	17-21		11.4				11.4	5.4	1.0			1.0	17
	5-21		13.1				13.1	7.4	1.3			1.3	21
	24-21		11.9				11.9	11.5	2.2			12.1	21
	9-11		10.8				10.8	5.5	1.5			1.0	21
	12-14	.2	11.2				11.2	3.0	1.2			2.0	21
	15-17	.2	11.4				11.4	3.4	.6			4.1	21
	18-21		11.2				11.2	4.3	.3			4.6	21
	1-23	.1	9.7				9.7	2.6	1.0			3.4	21
TOTALS		.1	11.3				11.3	5.0	1.1			1.5	740

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74-16

TRAVIS AFB CA

74-83

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	0-22		5.6				5.6	1.6				1.6	900
	3-22		6.6				6.6	2.4	.6			3.6	900
	06-08		5.6				5.6	3.6	.9			4.5	900
	9-11	.3	5.5			.1	5.6	1.6	.6			2.5	900
	12-14	.3	6.9				6.9	1.1				1.1	900
	15-17	.6	5.3				5.3	.6	.3			.9	900
	18-20	.1	4.3				4.3	.6	.3			1.1	900
	21-23		3.7				3.7	1.1				1.1	900
TOTALS		.2	5.5			.9	5.5	1.6	.3			1.6	7200

WEATHER CONDITIONS

74-67

STATION

STATION NAME

YEARS

MONTH

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-1	10-04		1.7				1.7	.2	.1			.3	929
	3-07		.6				.9	.2	1.2			1.2	931
	6-04		.5				.5	.8	.4			1.2	929
	8-11	.1	1.1				1.1	.1	.1			.2	929
	12-14	.2	1.7				1.7						929
	17-17		1.7				1.7		.1			.1	935
	19-21		1.1				1.1	.2	.3			.5	937
	21-21		.5				.5	.3				.2	929
TOTALS		.1	1.2				1.2	.2	.3			.5	7435

CLIMAT CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

WEATHER CONDITIONS

14-167

TRAVIS AFB CA

74-83

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	0-23		.9				.8		.1			.1	900
	00-01		.7				.7	.3	.6			.7	900
	02-03		.1				.1	.2	.7			.7	900
	04-05		.3				.3		.1			.1	900
	06-07		.1				.1						900
	08-09		.1				.1						900
	10-11		.2				.2						900
	12-13		.1				.1						900
	14-15		.1				.1						900
	16-17		.2				.2						900
	18-19		.1				.1						900
	20-21		.2				.2						900
	22-23	.1	.2				.2						900
TOTALS		.7	.3				.2	.1	.2			.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74 16

TRAVIS AFB CA

74-87

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-01		.4				.4					.4	937
	03-04		.5				.5	.3	.4			.5	937
	06-07		1.0				1.0	.3	.5			.5	937
	09-11		.3				.3	.4				.4	937
	12-14		.4				.4	.1				.1	937
	15-17		.3				.3						937
	18-21		.3				.3						937
	21-23		.4				.4						929
TOTALS			.4				.4	.1	.1			.3	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

7416

TRAVIS AFB CA

74-87

10

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
ALL	00-01	.1	1.0				1.0		.2			.2	937
	2-01	.3	.6				.6	.2	.4			.5	930
	02-03		.4				.4	1.6	1.6			.2	937
	4-11		.7				.7	.3	.3			.5	937
	12-14	.1	.4				.4						939
	1-17		.6				.6	.1	.1			.2	928
	18-24	.1	.2				.3		.2			.2	926
	1-23		1.0				1.0						927
TOTALS		.1	.6				.6	.3	.4			.5	7431

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7416

TRAVIS AFB CA

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	0-02		.4				.7	.2	.7			.9	9.0
	3-05		1.4				1.0	.2	1.4			2.6	8.0
	06-09		1.1				1.1	5.2	4.8			5.4	9.0
	10-11		.4				.8	1.1	1.3		.1	2.1	8.0
	12-14		1.7				1.0		1.1			1.1	8.0
	15-17	.2	2.1				2.0	.2	1.2			1.4	8.0
	18-20	.3	1.3				1.3		.4			.4	8.0
	21-23		1.0				1.0	.3	.6			.9	9.0
TOTALS		.4	1.3				1.3	1.0	1.4		.2	2.0	72.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/PAC

WEATHER CONDITIONS

74-160

TRAVIS AFB CA

73-82

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	0-02		2.7				2.9	2.4	2.0			3.3	937
	3-05		3.3				3.3	7.1	4.0			5.0	937
	6-08		2.2				2.2	12.3	6.9			15.4	937
	09-11	.2	2.2				2.2	3.4	6.0		.1	9.7	930
	12-14	.4	1.9				1.9	.2	6.1			6.3	937
	15-17	.2	2.4				2.4	.4	3.4		.1	4.0	930
	18-20		3.7				3.7	1.7	2.9		.1	4.3	929
	21-23	.3	4.1				4.1	2.2	1.4			3.2	937
TOTALS		.1	2.7				2.9	3.7	4.6		.2	7.0	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/PAC

WEATHER CONDITIONS

74-160 1PAVIS AFB CA 73-80 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	0-00		7.7				7.7	21.2	5.8			23.9	100
	01-03		6.6				6.6	25.8	6.7			25.7	900
	04-06		5.7				5.7	22.3	6.6			34.7	900
	07-11		7.2				7.2	25.1	9.6			30.9	900
	12-14		9.4				9.4	14.6	13.0		.1	25.1	900
	15-17		8.2				8.2	11.2	11.1		.3	20.7	899
	18-21		4.6				4.6	13.2	7.6			14.6	900
	22-23		7.0				7.0	14.8	7.1			19.6	900
TOTALS			7.7				7.7	19.8	8.4		.1	25.3	7199

WEATHER CONDITIONS

73-67

DE 2

STATION

STATION NAME

YEARS

MONTH

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS
OCT	0-8		7.4				7.4	46.9	10.1			47.5	937
	8-10		8.3				8.3	46.9	1 .1			53.1	937
	10-11		11.1				11.1	62.4	10.1			57.2	937
	11-12		9.5				9.5	47.7	12.-			59.-	937
	1 -14	.1	7.7				7.7	33.9	16.6		.1	47.8	937
	1 -17		3.4				3.4	27.3	10.2		.2	42.2	937
	1 -2		7.3				7.3	33.4	16.4		.1	44.1	929
	1-23		6.4				6.4	26.2	11.2		.2	45.7	937
TOTALS		.1	5.3				5.3	40.1	13.8		.1	47.3	7439

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7416 TRAVIS AFB CA 77-83 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS -LST-	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIR	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS* TO VISION	TOTAL NO. OF OBS
JA	ALL	.7	11.2		.1		11.3	41.5	7.4			44.3	7439
FEB		.1	10.4		.1		11.3	15.9	6.9			14.7	6762
MA		.1	11.3				11.3	5.9	1.1			6.5	7447
AP		.2	5.5			.3	4.5	1.6	.3			1.6	7770
MAY		.1	1.2				1.2	.2	.3			.4	7435
JUN		.1	.3				.3	.1	.2			.2	7770
JUL			.6				.6	.1	.1			.3	7439
AUG		.1	.6				.6	.3	.4			.5	7431
SEP		.1	1.3				1.3	1.1	1.4		.1	2.3	7007
OCT		.1	2.4				2.4	3.7	4.6		.1	7.7	7439
NOV			1.7				7.7	19.0	8.4		.1	21.3	7149
DEC		.0	.3				4.3	40.1	13.6		.1	47.3	7439
TOTALS		.1	5.2		.0	.3	5.2	10.6	3.7		.1	13.2	7620

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/PAC

XXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

74 26 STATION TRAVIS AFB CA 48-83 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH BUT TO VISION	TOTAL NO. OF OBS	
JAN	DAILY	1.1	45.6	.3	.7	.1	44.1	65.5	79.0			72.7	1175	
FEB		1.4	31.5		.2	.7	77.7	50.4	33.1			51.1	1073	
MAR		1.0	30.0			.0	35.3	23.7	13.9			24.0	1177	
APR		1.7	23.9		.2	1.0	22.0	11.2	7.7			14.7	114	
MAY		1.4	12.6		.1	.1	12.1	4.4	7.0			4.6	1177	
JUN		.4	0.1				0.0	1.7	2.1			2.0	1140	
JUL		.1	2.4				1.3	1.3	3.0			4.4	1175	
AUG		.0	4.4				4.2	1.3	0.2			6.0	1174	
SEP		1.1	7.3				7.0	6.0	17.2			7.0	1110	
OCT		1.0	15.5		.1		15.5	72.7	26.1			35.2	1147	
NOV		1.0	30.7			.2	29.0	49.6	34.3			40.0	1110	
DEC		.0	42.6	.4	.4	.3	41.7	67.4	40.6			.2	75.0	1147
TOTALS		1.0	22.1	.1	.2	.3	21.5	25.5	19.7			.0	32.1	11755

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"0.00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	"0.0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include occurrences in years with complete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800IST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

74-16

TRAVIS AFB CA

43-83

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	5.3	13.8	2.4	5.0	3.0	5.7	5.7	5.9	3.1	.2				3.9	1238	3.79	9.17	.30
FEB	6.7	9.9	2.5	5.2	3.0	5.9	5.1	5.2	1.8	.2				5.5	1126	2.77	9.31	.03
MAR	3.1	9.8	2.4	5.5	3.1	4.9	5.9	4.5	.7					27.1	1240	2.32	9.15	.09
APR	75.3	6.8	1.6	3.5	3.2	4.4	2.9	1.8	.3	.1				17.8	1200	1.21	4.39	TRACE
MAY	6.5	6.0	.9	2.6	1.1	1.8	.9	.2	.1					7.5	1239	.37	1.74	.00
JUN	3.2	4.1	.5	1.1	.4	.2	.3	.2						2.7	1200	.11	1.22	.00
JUL	7.6	1.7	.2	.2	.1	.2	.1							.7	1240	.03	.52	.00
AUG	5.8	2.7	.2	.3	.6	.3								1.5	1275	.13	.64	.00
SEP	2.8	3.1	.8	1.2	.4	.9	.6		.1					4.1	1200	.21	2.77	.00
OCT	2.7	6.5	1.3	1.8	1.5	2.2	1.6	1.7	.6	.1				10.7	1240	1.04	4.74	.00
NOV	6.0	9.2	1.7	4.2	2.7	4.7	3.8	3.7	1.7	.2				22.6	1200	2.43	7.44	TRACE
DEC	58.6	14.2	3.0	5.4	2.3	5.8	5.7	4.5	2.4					29.2	1240	3.11	11.87	.12
ANNUAL	77.3	7.3	1.5	3.0	1.8	3.1	2.7	2.3	.9	.1				15.4	14602	17.35		

USAFETAC FORM 0-15.5 (OL A)
OCT 75

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

747160 DAVIS AFB CA
STATION

43-52 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43									.00	.11	.24	.62	
44	.67	2.07	.38	.30	.42	.74	.00	.00	.00	.63	1.32	.94	2.17
45	1.41	2.56	1.3	.21	.19	TRACE	TRACE	.00	.00	1.07	.70	1.21	2.58
46	.52	.99	.23	TRACE*	.11	.00	TRACE	.00	.02	.30	.91	.43	.99
47	.40	.98	.55	TRACE	.04	.00	.00	.00	TRACE	1.33	.50	.42	1.23
48	.30	.29	1.09	.38	1.02	.33	TRACE	TRACE	.16	.59	.16	1.05	1.25
49	1.22*	.67	.66	TRACE	TRACE	.00	.01	TRACE	TRACE	TRACE	.64	.66	1.22
50	1.40	1.31	.72	.42	.01	TRACE	TRACE	TRACE	.01	.74	1.98	1.76	1.98
51	.57	.83	.70	.64	.51	TRACE	.00	TRACE	.05	.67	1.37	1.56	1.66
52	1.93	.53	1.19	.05	.10	.76	TRACE	.00	TRACE	.01	1.01	1.44	1.93
53	.43	.06	.57	1.41	.13	.22	.00	TRACE	TRACE	.17	1.17	.19	1.41
54	1.20	.84	.64	1.14	.25	.01	.00	.10	.00	.03	1.19	.91	1.20
55	.47	1.15	.49	.53	.32	.00	.00	TRACE	.37	.05	.89	2.00	2.00
56	.77	.53	.15	.56	.34	.02	TRACE	.00	.35	.75	.10	.13	.77
57	.90	.54	.26	.66	.58	TRACE	TRACE	.00	.41	1.16	.08	1.55	1.55
58	.67	1.54	.96	1.83	.51	.09	.04	TRACE	.01	.02	.01	.78	1.53
59	1.37	1.45	.37	.12	.14	.00	TRACE	TRACE	2.76	TRACE	TRACE	1.52	2.76
60	.71	1.13	.75	.63	.23	.00	TRACE	.00	TRACE	.11	.51	.42	1.13
61	1.83	.22	.67	.31	.11	TRACE	TRACE	.03	.13	.41	.38	1.71	1.71
62	.75	2.60	.79	.12	TRACE	TRACE	.00	.01	.01	3.03	.40	1.11	3.03
63	2.03	1.72	1.41	1.05	.27	.04	.01	TRACE	.23	.75	.95	.32	2.03
64	1.44	.13	.57	.17	.17	.51	.03	.03	.00	.78	.88	1.01	1.44
65	1.07	.35	.38	.71	.05	TRACE	TRACE*	.19	.00	.04	.77	.64	1.07
66	1.17	.53	.11	.13	.12	.11	.09	.06	.12	.00	1.37	1.01	1.37
67	2.51	.32	.62	.66	.07	.73	TRACE	TRACE	.03	.35	.41	.62	2.51
68	1.79*	.56	.75	.24	.22	TRACE	.00	.09	TRACE	.10	.82	.57	1.79
69	1.12*	1.32	.24	.61	TRACE	.01	.00	.00	TRACE	1.33	.27	1.68	1.68
70	1.92	.67	.86	.09	TRACE	.72	.00	.00	.50	.37	3.03	.56	3.03
71	.53	.15	.65	.20	.38	TRACE	.00	.01	.05	.04	.35	.61	.65
72	.51	.63	.09	.39	.02	.04	TRACE	.00	.36	1.34	1.29	.51	1.34
MEAN													
SD													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

74 162 TRAVIS AFB CA
STATION STATION NAME

43-73

YEARS

24 HOUR AMOUNTS IN INCHES

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73		1.81	1.40	.71	.76	.03	.00	.00	.00	.09	.84	1.39	.95	1.50
74		.63	.34	.55	.81	.03	.02	.47	.00	.00	.84	.24	.97	.81
75		.74	.94	.85	.57	TRACE	.01	.12	.03	.01	.94	.14	.12	.96
76		.03	.38	.53	.28	.00	.06	TRACE	.21	.18	.04	.55	.94	.94
77		.91	.35	.79	.29	.29	TRACE	TRACE	.00	.45	.03	2.87	1.44	2.57
78		1.72	1.03	.85	.43	.03	TRACE	.00	.00	.13	.00	.71	.62	1.72
79		2.09	1.47	.65	.49	.10	.00	.01	TRACE	.00	1.01	1.22	1.74	2.09
80		1.57	1.46	.92	.52	.15	.04	.22	.00	.00	.13	.00	1.00	1.60
81		1.96	.25	1.04	.19	.03	.00	TRACE	.00	.16	.50	1.92	1.73	1.96
82		4.76	2.48	1.83	2.71	.00	.02	TRACE	TRACE	.32	1.44	1.95	1.37	4.76
83		1.23	1.58	1.78	.89	.26	TRACE	.00	.07					
-														
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-														
MEAN		1.22	.972	.716	.538	.182	.097	.025	.016	.173	.866	.695	.993	1.021
S D		.84	.707	.391	.527	.211	.186	.083	.040	.445	.613	.712	.531	.931
TOTAL OBS		123	1126	1247	1200	1239	1200	1240	1239	1200	1240	1200	1240	14603

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

CLIMATE DIVISION
 WASHINGTON, D.C.
 20540

EXTREME VALUES MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

STATION NAME: THAILAND AIRCRAFT

43-12

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
43										.23	.32	2.76	
44	3.23	5.12	2.52	2.74	.72	.14	.70	.00	.70	1.31	4.76	2.71	20.39
45	2.14	3.49	2.82	.21	.72	TRACE	TRACE	.00	.00	2.22	2.55	7.47	21.74
46	.37	2.55	2.47	TRACE	.14	.00	TRACE	.00	.02	.44	1.95	1.02	* 11.65
47	.47	2.55	1.98	TRACE	.14	.02	.70	.00	TRACE	2.64	.70	.52	9.35
48	.50	.91	2.21	2.74	1.74	.40	TRACE	TRACE	.17	.59	.63	2.54	14.78
49	1.55	1.92	3.35	TRACE	TRACE	.00	.01	TRACE	TRACE	TRACE	1.19	1.84	* 9.90
50	4.84	2.24	1.49	.55	.01	TRACE	TRACE	TRACE	.00	2.35	4.55	2.01	* 21.41
51	1.64	1.94	1.24	.77	.55	TRACE	.00	TRACE	.05	1.11	4.02	5.01	16.53
52	1.10	1.44	2.71	.50	.10	.50	TRACE	.00	TRACE	.01	1.90	5.61	22.38
53	2.35	.16	1.67	2.31	.79	.31	.00	TRACE	TRACE	.25	1.99	.76	9.73
54	2.83	2.51	2.91	1.45	.25	.01	.00	.10	.00	.05	2.61	3.75	16.10
55	2.45	1.45	.01	1.93	.30	.00	.00	TRACE	.42	.19	1.77	11.97	20.11
56	6.45	1.10	.26	1.00	.39	.03	TRACE	.00	.46	1.11	.10	.05	11.19
57	2.27	4.37	1.16	1.31	1.35	TRACE	TRACE	.00	.44	2.51	.22	2.01	17.49
58	4.37	6.65	5.23	3.74	.55	.09	.04	TRACE	.01	.01	.01	.71	21.42
59	5.01	4.68	.77	.15	.14	.00	TRACE	TRACE	2.77	TRACE	TRACE	1.6	15.28
60	3.37	3.44	2.03	.54	.53	.00	TRACE	.00	TRACE	.11	3.36	1.17	15.27
61	4.20	.72	1.76	.63	.24	TRACE	TRACE	.04	.13	.41	1.96	2.41	12.50
62	.89	8.31	2.41	.14	TRACE	TRACE	.00	.01	.01	4.74	.45	2.52	19.51
63	4.56	2.83	4.67	4.09	.72	.04	.00	TRACE	.25	1.32	3.55	.44	22.46
64	2.96	.03	1.64	.17	.20	.68	.03	.03	.00	1.45	2.39	4.75	14.78
65	3.51	.70	.53	2.01	.05	TRACE	TRACE	.19	.00	.04	3.36	2.59	* 13.88
66	2.92	1.91	.13	.32	.20	.11	.09	.06	.14	.00	5.61	3.75	15.29
67	8.15	.44	3.75	3.66	.12	1.22	TRACE	TRACE	.03	.37	1.03	1.43	20.25
68	3.63	2.14	1.50	.24	.35	TRACE	.00	.18	TRACE	.30	3.16	3.59	* 11.47
69	7.81	6.46	.75	1.15	TRACE	.01	.00	.00	TRACE	1.44	.31	5.69	* 23.61
70	8.61	1.59	1.15	.14	TRACE	.75	.00	.00	.50	.57	7.44	4.57	25.02
71	1.27	.18	2.12	.46	.68	TRACE	.00	.01	.05	.05	.92	3.27	8.95
72	.86	1.14	.39	.91	.02	.05	TRACE	.00	.60	3.66	5.58	1.45	14.58
MEAN													
S.D.													
TOTAL OBS													

NOTE: * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

GLOBAL CLIMATOLOGY BRANCH
COSMETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

FROM DAILY OBSERVATIONS

74222
STATION

TRAVIS AF - CA
STATION NAME

42-22

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	All MONTHS
73		9.17	4.68	2.52	.6	.03	.00	.00	.00	.18	1.37	4.74	2.69	27.44
74		3.42	.97	3.37	1.59	.13	.2	.52	.00	.00	1.14	.48	2.30	13.83
75		1.23	3.58	4.06	1.18	TRACE	.01	.12	.05	.01	2.00	.26	.11	10.92
76		.11	.73	.54	.53	.10	.06	TRACE	.64	.30	.03	.94	1.17	5.16
77		1.14	.99	1.46	.31	.79	TRACE	TRACE	.00	.75	.00	7.45	5.75	24.00
78		8.97	3.46	4.48	1.34	.05	TRACE	.00	.00	.11	.04	2.04	.73	21.68
79		7.26	4.39	1.53	.89	.15	.0	.01	TRACE	.00	2.77	2.19	5.52	24.83
80		5.91	6.96	2.74	1.25	.24	.14	.24	.00	.00	.18	.07	2.56	20.15
81		5.13	1.24	3.44	.32	.03	.00	TRACE	.00	.13	1.47	5.39	4.78	21.57
82		7.16	4.00	6.19	4.39	.00	.02	TRACE	TRACE	.79	2.92	6.93	2.97	30.27
83		4.94	7.09	9.18	3.33	.26	TRACE	.00	.07					
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
									

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/AC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

74 16 TRAVIS AFB CA
STATION STATION NAME

46-8
YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRI-P	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0.4	05 1.4	15 2.4	25 3.4	35 4.4	45 5.4	55 6.4	65 7.4	75 8.4	85 9.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4	5	6	7	8	9	10	OVER 10					
JAN	9.9	.5			.7										1178	.1	1.7	.0
FEB	9.5	.7													1073	TRACE	TRACE	.0
MAR	10.0														1176	.0	.0	.0
APR	100.0														1139	.0	.0	.0
MAY	9.9	.1													1178	TRACE	TRACE	.0
JUN	10.0														1140	.0	.0	.0
JUL	100.0														1176	.0	.0	.0
AUG	100.0														1176	.0	.0	.0
SEP	10.0														1110	.0	.0	.0
OCT	9.9	.1													1147	TRACE	TRACE	.0
NOV	100.0														1110	.0	.0	.0
DEC	9.5	.5													1147	TRACE	TRACE	.0
ANNUAL	9.8	.1													13756	.1		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES

ONE-FALL

FROM DAILY OBSERVATIONS

04160 TRAVIS AFB CA STATION NAME

45-22

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	TRACE
73	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
74	1.5	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.5
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

GLOBAL CLIMATOLOGY BRANCH
 CHAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SN. - FALL

FROM DAILY OBSERVATIONS

742162
STATION

IRAVIL AFB CA STATION NAME

45-51

YEARS

24 HOURS AMOUNTS 24 INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/PAC

EXTREME VALUES MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

74167 TRAVIS AFB CA
 STATION STATION NAME

46-12

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	*TRACE
72	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	TRACE
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
75	1.5	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.5
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

FROM DAILY OBSERVATIONS.

FEARS

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

74-16 TRAVIS AFB CA

43-87

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
PRI. P	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2500	2501-5000	OVER 5000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 04	05 14	15 24	25 34	35 44	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 72	73 84	OVER 84					
JAN	1	0.0															1240		
FEB	1	00.0															1170		
MAR	1	0.0															1240		
APR	1	0.0															1200		
MAY	1	00.0															1240		
JUN	1	0.0															1200		
JUL	1	0.0															1240		
AUG	1	00.0															1240		
SEP	1	0.0															1200		
OCT	1	0.0															1240		
NOV	1	00.0															1200		
DEC	9.9	.1															1240		
ANNUAL	0.0	.0															14610		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

745160 STATION TRAVIS AFB CA STATION NAME

43-23

YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43														
44														
45														
46														
47														
48														
49														
50														
51														
52														
53														
54														
55														
56														
57														
58														
59														
60														
61														
62														
63														
64														
65														
66														
67														
68														
69														
70														
71														
72														
MEAN														
S D														
TOTAL OBS														

NOTE * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-9 (OLA)

USAF ETAC FORM 0-88-9 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- * 1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- * 2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete month.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WIND

FROM DAILY OBSERVATIONS

4-160 19A/15 AFB CA

4-1-13

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
41	50NN	50NN	47SE	33S	41NN	46S	45S	39S	73S	27N	54NN	477	N 54	
42	53N	38NN	47S	38S	43S	43S	41S	37S	43NN	41SE	36SE	71	NN 59	
43	41S	33S	40S	40SS	45SS	47S	44S	40S	37S	49NN	49N	76	S 49	
44	40S	29NN	40SS	43WS	43S	43S	45S	*42WS	37WS	43NN	37S	69	S 49	
45	57WS	62SE	56N	49NN	43S	43S	45S	39S	40S	33NN	40SE	49	WS 49	
46	31NN	65S	49S	38WS	39WS	45WS	37WS	37S	39NN	51SE	48N	43	NN 49	
47	39N	44WS	36S	7S	75S	77S	36S	45WS	35N	47N	36NN	76	N 49	
48	49NN	51NN	49SE	49WS	37S	45S	36S	37NN	46S	32W	35S	41	NN 51	
49	30NN	44NN	46S	33S	37S	36WS	33WS	30WS	33N	49N	39N	34	NN 49	
50	32SE	38WS	31NN	32WS	39WS	37WS	71WS	31S	31WS	26N	42S	71	N 49	
51	36WS	44SE	39N	37WS	33WS	33WS	38S	30WS	24WS	33N	37NN	74	WS 49	
52	41SE	46N	34S	32WS	38S	35S	34S	34N	*37N	47WS	78N	75	SE 49	
53	37N	41N	35N	39WS	29N	33WS	33WS	34WS	30N	47S	32N	75	N 49	
54	23NN	30N	34WS	36WS	32WS	35WS	39WS	29N	44N	*42N	36N	*27	N 44	
55	43SE	40SE	58WS	33WS	31WS	31S	33S	37S	77N	43N	*29N	42	SE 59	
56	41S	*30N	40SS	*29WS	*32WS	*38WS	35WS	*30S	*27S	*33S	35N	*74	N 41	
57	*36NN	50N	43N	*43WS	*32WS	*76WS	36SS	78N	43WS	34N	32SS	*42	NN 57	
58	41NN	39SE	32S	*31WS	*37S	73S	36S	33NN	46S	*32WS	40SE	74	NN 49	
59	38NN	78N	31SS	39S	38SS	73SS	35SS	32SS	36NN	37SE	33SE	43	SE 49	
60	59N	35SE	31SS	28SS	30S	76SS	70SS	32SS	38N	34N	32N	48	SE 59	
61	30SE	26S	32N	35S	35S	3927/	3622/	3125/	3125/	2835/	4020/	79	SE 47	
62	441	* 6435*	3926/	3636/	4225/	3922/	3624/	3825/	3736/	5136/	3236/	45	15* 64	
63	22/	57 1/	45 2/	4222/	4724/	4123/	4225/	4225/	3434/	4736/	4320/	4225/	78	27/ 54
64	35/	4327/	4219/	4226/	3825/	4225/	3823/	3724/	3723/	3336/	4536/	3824/	44	35/ 43
65	36/	5136/	3222/	4036/	5124/	4125/	4323/	4624/	3623/	3428/	4314/	50 1/	40	36/ 61
66	15/	4218/	3633/	4236/	4124/	3874/	3525/	4224/	4021/	4226/	4224/	3626/	75	15/ 43
67	36/	4336/	5221/	3536/	3723/	39 1/	3824/	3525/	3623/	3523/	3320/	30 1/	49	36/ 53
68	1/	3136/	3536/	4627/	34 1/	4325/	3826/	3726/	3825/	3536/	3836/	45 1/	76	36/ 46
69	1/	3827/	3816/	3335/	41 2/	46 1/	4224/	3524/	2924/	28 1/	3736/	5536/	42	34/ 57
70	1/	3624/	29 1/	3823/	3726/	3125/	3924/	3623/	3625/	3525/	3536/	3217/	32	25/ 39
MEAN														
S D														
TOTAL OBS														

NOTES - (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

EXTREME VALUES

SURFACE MAPS

FROM DAILY OBSERVATIONS

74016 TRAVIS AFB CA
STATION STATION NAME

4 - 53 YEARS

DAILY PEAK COSTS IN KNOTS

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

U.S. AIR FORCE
 CLIMATE BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-16 STATION NAME TRAVERS AIR CA 74-82 YEARS 1974-1975
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	1.3	1.8	1.3	.4						12.4	7.3
NNE	3.3	2.0	1.4	.6	.1	.1						2.2	2.4
NE	1.1	1.2	.5	.1								2.3	4.2
ENE	1.1	1.4	.3									3.2	1.6
E	1.7	2.1	.3									4.3	4.2
ESE	.2	1.2	.1	.1								2.3	4.3
SE	.1	1.2	1.5	1.1	.2	.2	.2					5.2	7.2
SSE	.1	1.2	.9	.8	.1	.1						7.2	7.2
S	2.4	1.2	.6	1.2								5.4	6.2
SSW	.2	1.5	.9	.1								3.1	5.1
SW	1.1	1.5	1.2	.4	.2							4.2	5.2
WSW	.3	1.1	.5	.4								4.3	4.7
W	1.7	.9	.5	.1								3.2	4.2
WNW	.4	.4										2.2	3.4
NW	.1	.1										1.2	3.5
NNW	1.1	.5	.2	.2	.1							2.2	5.2
VARBL													
CALM												71.9	
	20.5	20.9	10.3	7.2	2.2	.9	.2					100	4.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74-16 STATION 74-16 I-AVIS AFB CA STATION NAME 74-16 YEARS 74-16 NORTH
ALL-WEATHER CLASS 74-16-1500 HOURS (EST.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.3	1.2	2.3	2.6	1.4	.2						15.7	7.9
NNE	4.2	2.4	1.4	.6	.1							11.7	4.6
NE	2.8	.8	1.7									4.3	3.9
ENE	2.4	1.6	.4									4.4	3.6
E	1.2	1.7	.3									3.2	4.0
ESE	1.1	1.1	.2	.1								2.0	4.0
SE	1.0	.8	1.0	1.6	.5	.5						6.4	11.7
SSE	1.8	1.8	1.1	.8	.2	.1	.1					4.5	7.6
S	1.0	.3	.4	.6	.7							3.7	6.7
SSW	.8	1.1	.4	.4								2.7	6.3
SW	1.1	1.2	1.6	.4								4.3	6.2
WSW	1.0	.5	.4	.7	.2							3.0	5.6
W	.8	1.0	.1									1.0	4.1
WNW	.8	.7	.1									1.1	3.5
NW	.8	.3	.2									1.4	3.7
NNW	.8	.4	.4									1.0	4.3
VARBL													
CALM													
	21.6	21.2	11.4	7.4	2.7	.2	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 770

U.S. AIR FORCE
 CLIMATE BRANCH
 AFM 7-10.1
 WEATHER SERVICE/AFM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-16 STATION NAME TRAVIS AFB TX YEARS 74-75 JAS
 MONTH
 CLASS ALL WEATHER 1-2-5000
 HOURS (L & T)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.1	3.4	2.7	2.2	1.5	.2						14.4	4.0
NNE	4.3	3.7	2.0	.6	.1							1.2	4.2
NE	2.1	2.7	.6	.1								3.7	4.2
ENE	2.4	1.1	1.2									4.0	4.4
E	2.2	.4	.6	.1								4.2	4.3
ESE	.2	.4	.1	.1								1.2	4.1
SE	.2	1.1	1.0	1.6	.5	.5		.3				5.7	12.2
SSE	.2	1.3	.4	.6	.3	.4						4.4	7.5
S	1.2	.4	.8	.3	.1							3.2	2.5
SSW	.2	.6	.5	.2								1.0	7.1
SW	1.7	1.1	.9	.8	.2							4.1	6.3
WSW	.2	1.2	.5	.3								2.0	5.8
W	.2	.4	.1									1.4	3.2
WNW	.4	.2										.2	2.3
NW	.4	.5	.1									1.1	3.8
NNW	1.1	.5	.1	.1	.1							2.2	4.8
VARBL													
CALM													
	2.2	1.7	11.8	8.1	2.9	1.2		.3				17.0	4.5

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 TRAVIS AFB CA STATION NAME 74-87 YEARS JA MONTH
CLASS ALL WEATHER HOURS 00-1100
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.2	2.5	2.0	1.5	1.2	1.4	.2					1.4
NNE	2.2	7.6	4.3	2.4	.2	.4						17.7
NE	3.1	4.5	1.6	.7								10.2
ENE	1.2	2.0	1.6									5.7
E	.2	2.0	.3	.3								1.3
ESE	1.2	1.1	.2	.1	.1							2.7
SE	.	.5	.9	1.5	.8	.6	.1					1.3
SSE	.	.5	1.5	.6	.5	.1	.1					2.4
S	1.1	1.0	1.2	.7	.3							1.7
SSW	.	.4	.5	.4	.1							2.0
SW	.	1.4	1.0	.6	.1							4.0
WSW	.	1.2	1.3	.4	.2							3.7
W	.	.4	.3	.1	.1							1.7
WNW	.	.										.2
NW	.	.1										.3
NNW	.	.7			.2	.1						1.4
VARBL												
CALM												1.2
	1.9	26.7	16.8	9.4	3.9	2.7	.4					100.0

TOTAL NUMBER OF OBSERVATIONS 429

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 410 STATION NAME 1000S AFB GA YEARS 74-87 MONTH JAN
 CLASS ALL WEATHER 1000-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	2.5	2.5	1.3	1.2	2					11.0	12.9
NNE	1.3	6.7	5.4	3.2	2	1	1					15.1	7.1
NE	2.4	5.4	2.2	2.5								12.4	5.3
ENE	1.1	3.1	1.1	3								5.2	2.1
E	1.0	3.3	1.0	1								4.4	2.2
ESE	1.1	1.9	5	4								4.1	2.1
SE	1.1	5	6	9	6	2						4.2	5.4
SSE	5	1.0	1.4	2	5	2	1					4.4	11.7
S	5	5	1.2	5	1							2.2	7.5
SSW	5	2	2	4	1							2.1	6.5
SW	1	5	2.2	1.5	3							4.1	1.1
WSW	5	5	1.6	2	1							2.4	2.9
W	5	4	6	8	1							2.2	2.4
WNW	5	1		1								2	2.2
NW	5	1		1								2	2.2
NNW	5	1		1		1						1.1	6.1
VARBL												14.2	
CALM													

TOTAL NUMBER OF OBSERVATIONS 12

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4-105 STATION 70A-2 ACB CA STATION NAME 74-87 YEARS JA NORTH
ALL-CA-67 CLASS 15-2-172 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.	1.5	2.1	1.4	1.1	.2					12.1	12.1
NNE	.3	4.2	2.3	1.1		.2						11.3	6.2
NE	.1	3.3	1.2	.1								7.0	4.4
ENE	2.	2.4	1.1									5.3	4.3
E	4.1	3.2	1.2	.1								5.0	4.2
ESE	3.	2.4	.2	.2								4.7	3.3
SE	2.2	1.	1.1	1.1	.4	.2	.2					7.1	6.
SSE	1.	.6	.5	.6	.1	.5						3.1	5.1
S	1.4	1.2	1.2	1.2	.1							4.2	7.2
SSW	.1	1.2	.6	.6	.1							3.1	7.1
SW	1.	1.3	1.1	1.4								4.7	7.3
WSW	.1	1.1	1.1	1.2								4.3	7.2
W	.1	.1	.2	.6	.1							2.9	4.0
WNW			.1									.1	4.2
NW	.											.2	4.2
NNW		.1		.2	.1							.4	13.5
VARBL													
CALM												17.5	
	21.6	25.4	14.6	11.6	2.4	2.	.4					100.	5.7

TOTAL NUMBER OF OBSERVATIONS 972

JOINT CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14036 TRAVIS AFB CA STATION NAME YEARS 1963 MONTH JAN
 CLASS ALL WEATHER HOURS (LST) 1840-2000
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	2.2	1.7								2.9	4.3
NNE	2.4	1.4	2.2				1.1					4.7	6.9
NE	1.1	1.5	1.4									1.1	3.3
ENE	1.2	1.2	1.2									2.4	3.2
E	2.2	2.2	2.2									4.1	3.2
ESE	1.1	2.2	1.4	1.1								4.3	4.4
SE	2.2	1.2	1.4	1.1	1.4							1.7	7.1
SSE	1.4	1.2	1.2	1.1	1.1	1.1						4.1	7.3
S	2.2	1.2	1.1	1.1								5.2	4.5
SSW	1.7	1.2	1.5	1.7								5.2	1.5
SW	1.1	1.2	1.4	1.1	1.1							5.1	4.2
WSW	1.2	1.7	1.4	1.1								4.7	3.3
W	1.2	1.7	1.4	1.1	1.1							1.1	6.8
WNW	1.2	1.7	1.1									1.1	2.7
NW	1.2	1.7	1.1									1.1	2.7
NNW	1.1	1.7	1.4									2.2	3.6
VARBL													
CALM												1.1	
	24.1	22.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	4.2

TOTAL NUMBER OF OBSERVATIONS 937

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4116 STATION NAME TRAVIS AFB CA YEAR 74-75 MONTH JAN
CLASS ALL WEATHER HOURS 2400
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	2.2	1.2	1.2	.2						11.0	1.0
NNE	1.2	2.2	1.2	.6	.1	.1						5.0	0.3
NE	.2	.5	.2	.1								1.0	2.1
ENE		1.1	.2									1.0	4.4
E	1.2	1.1	.3	.1								3.7	4.0
ESE	.4	1.1	.2	.2								1.0	2.6
SE	1.2	.5	.2	.2	.4	.2	.1					4.4	7.0
SSE	1.2	2.2	.4	.6	.2	.2						4.7	0.4
S	1.2	1.0	.9	.9	.2	.1						2.4	0.2
SSW	1.2	1.3	1.2	.2								2.0	0.3
SW	.2	.7	1.1	.6	.1							5.1	5.2
WSW	1.2	1.2	.2	.3	.1	.1						3.0	0.3
W	1.2	.6	.6	.3								3.0	4.7
WNW	.1			.1								1.4	0.0
NW	.2											1.1	2.1
NNW	1.2	.2	.6									2.0	4.0
VARBL													
CALM												7.2	
	24.3	2.1	9.9	6.9	2.4	.2	.1					1.0	3.9

TOTAL NUMBER OF OBSERVATIONS 77

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WALLA WALLA WA STATION NAME WALLA WALLA YEARS 74-75 JAN MONTH
CLASS ALL HOURLY
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.2	1.8	2.4	1.4	.3	.1					11.2	8.5
NNE	.5	4.4	2.4	1.2	.1	.1						11.2	3.1
NE	.3	2.5	1.6	.2								5.1	4.1
ENE	1.1	1.9	.8	.1								4.1	4.4
E	2.2	2.1	.5	.1								1.2	4.1
ESE	1.1	1.1	.3	.2	.2							1.2	4.4
SE	1.1	1.1	.6	1.3	.5	.3	.1	.2				3.5	7.2
SSE	.1	1.1	.6	.8	.4	.2	.1					4.1	6.7
S	.1	1.2	.6	.6	.1	.2						4.3	5.4
SSW	.1	1.1	.3	.4	.1							2.2	5.2
SW	1.1	1.6	1.3	.8	.1							1.1	6.7
WSW	1.1	1.0	.2	.6	.1	.2						3.7	6.4
W	.1	.2	.1	.3	.1							2.2	5.3
WNW	.1	.2	.1	.1								.1	6.4
NW	.1	.2	.2									.2	6.2
NNW	.1	.5	.2	.1	.1	.2						1.1	5.1
VARBL													
CALM												20.5	

TOTAL NUMBER OF OBSERVATIONS 2439

U. S. AIR FORCE
 WEATHER SERVICE
 PACIFIC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: DAWSON AFB, TX STATION NUMBER: 74-001 CLASS: ALL MONTH: ALL YEARS: 1964-1965

SPEED (KTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	2.1	1.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	1.0	0.0	1.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	4.4	3.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	1.0	2.1	3.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	24.0	21.2	15.4	1.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 240

JOINT CLIMATOLOGY BRANCH
AFM TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION 74-16 STATION NAME 74-16 YEARS 74-16
ALL WEATHER CLASS 100-000
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.5	4.5	5	2.4	3	5						15.4	7.2
NNE	4	1.4	0		4	2						1.4	2.4
NE	1	5	5									2.4	3.3
ENE													1.2
E		4										1.2	2.5
ESE		2	2	4								1.2	2.4
SE		1.2	7	1.2	4							4.3	2.4
SSE		1.2	5	7	4							4.2	7.7
S	1.4	1.1	1.5	8								2.7	2.5
SSW	1.2	2.5	1.1	5								2.2	2.7
SW	1.4	4.5	2.1	4								7.3	2.3
WSW	1	1.1	2.5	1.5								7.3	7.1
W	1	1.1	0	0		1						4.5	4.2
WNW	1.1	2										1.7	2.4
NW	1	2										1.2	2.2
NNW	1.4	1.5	1									3.1	3.5
VARBL													
CALM												7.4	
	2.2	23.4	12.9	8.9	2.7	8						20.2	4.5

TOTAL NUMBER OF OBSERVATIONS 545

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74-16 STATION 10 AVIS AFB CA 74-53 YEARS 1974-1975
ALL WEATHER CLASS 100-1000 HOURS 100-1000
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	3.7	1.2	1.4	.8	.6	.2					11.1	2.4
NNE	.2	4.3	1.2	.4	.1							7.7	2.2
NE	.4	.2	.6	.1								1.0	5.0
ENE	.2	.2										1.0	5.0
E	.7	.9	.1									1.7	2.8
ESE	.2	.7	.5	.4								4.1	3.6
SE	1.2	1.1	.6	1.1	.1	.2						4.3	6.4
SSE	.7	.8	1.2	1.1	.6							4.4	2.4
S	1.0	2.1	1.7	1.2								5.4	6.4
SSW	.2	1.3	.5	.4								1.1	5.7
SW	1.0	3.7	2.5	.2								1.2	2.2
WSW	.4	2.5	2.8	1.7	.1	.1						1.2	2.1
W	1.3	.2	.7	.2	.1							1.2	2.5
WNW	.2	.4										1.0	2.2
NW	.2											1.0	2.2
NNW	1.2	.5	.1		.1							1.7	4.2
VARBL												2.2	
CALM												2.2	
	21.4	24.5	13.6	3.0	2.0	.7	.2					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 42

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-16 STATION NAME TRAVIS AFB CA YEARS 74-7 FCZ 00
CLASS ALL HOURS (LST) 00-1200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.5	4.3	2.6	.6	1.5	.1	.1				13.0	1.03
NNE	2.4	5.7	5.6	1.2	.7							12.5	2.25
NE	.1	2.5	.2	.2								5.2	4.6
ENE	1.1	.5	.1	.1								1.3	3.8
E	.1	.4	.2									1.4	3.7
ESE	.1	.4	.4	.4	.1	.1						2.2	7.5
SE	.1	.2	1.4	.2	.2	1.4		.1				6.2	13.1
SSE	.1	.4	.2	2.1	.5	.4						5.2	11.4
S	1.1	1.4	1.3	.2	.2	.4						5.2	2.2
SSW	.1	1.2	1.5	.6	.1							4.4	7.4
SW	.1	1.2	3.1	.9	.4							7.2	7.2
WSW	.1	2.2	3.2	2.7		.2	.1					12.7	9.4
W	1.1	.5	1.4	1.3	.1							7.4	7.2
WNW	.1	.4	.2	.1								.2	2.9
NW	.1	.1	.2									.2	2.2
NNW	.1	.2	.2	.1								1.7	2.1
VARBL													
CALM												11.7	
	1.8	23.7	24.2	14.3	3.4	3.7	.7	.2				10.0	7.3

TOTAL NUMBER OF OBSERVATIONS 42

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-16 STATION TRAVIS AFB CA 70-27 YEARS FEB 1968-1969
STATION NAME CLASS HOURS U.S.T.
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.7	2.6	1.1	1.3	.2	.5					11.7	1.4
NNE	2.4	4.1	7.1	3.1	.5							17.1	7.0
NE	.2	3.3	1.3	.2								7.3	4.4
ENE	1.1	1.7	.6	.1								3.5	4.2
E	.1	1.4	.5									2.0	3.7
ESE	1.2	.6	.2	.2								2.2	4.6
SE	.4	.5	2.7	1.9	.4	.2	.5					6.8	13.2
SSE	.3	.8	.8	1.1	.5	.2	.1					4.3	14.2
S	.1	1.7	1.5	1.9	.4							6.3	2.6
SSW	.3	1.6	.7	1.7	.4	.1						4.5	1.6
SW	.2	1.4	2.3	1.9	.4							7.1	9.8
WSW	.1	2.1	3.4	3.6	.4							7.6	7.7
W	.2	1.7	1.7	2.4	.2	.1						7.7	9.2
WNW	.1	.2	.1	.4								1.5	1.5
NW	.1	.1	.1	.1								.7	7.3
NNW	.1	.2	.2	.2								.7	7.3
VARBL												0.0	
CALM												0.0	
	10.7	24.8	5.9	12.0	4.7	2.2	1.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 46

U.S. NAVAL CLIMATE BRANCH
 1. STATION
 2. STATION NAME

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 STATION NAME TRAVIS AFB, TX YEARS 71-83 MONTH ALL
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.2	1.7	1.5	.4						7.2	16.2
NNE	1.3	2.5	2.6	1.2	.1							11.1	5.3
NE	2.1	1.1	.6									5.2	3.8
ENE	1.2	1.2	.5	.1								3.2	4.1
E	2.5	1.7	.2	.1								4.2	3.7
ESE	.1	.1	.2	.1								2.3	3.2
SE	1.1	1.3	1.5	1.7	.7	.5	.4					7.1	11.2
SSE	1.1	.8	.8	.5	.1	.2						3.3	4.2
S	.1	2.5	1.8	.5	.4							5.2	8.9
SSW	1.1	2.4	2.2	.9	.2	.1						7.2	7.5
SW	.5	2.5	2.8	2.4	.2							5.2	8.8
WSW	.4	1.9	4.2	5.4	.7							12.1	12.4
W	.6	.9	2.1	1.7	.1							5.4	8.7
WNW	.1	.5	.2	.2								1.4	5.5
NW	.1	.1										.4	3.3
NNW	.1		.2									.4	6.3
VARBL													
CALM												12.3	
	2.5	23.4	21.2	16.4	4.1	1.2	.4					100.1	7

TOTAL NUMBER OF OBSERVATIONS 246

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1416 STATION NAME TRAVIS AFB CA YEARS 74-83 MONTH 1-12-1983
CLASS ALL WEATHER HOURS (LST) 2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.	1.3	.1	.5	.4	.1	.1				1.1	1.4
NNE	2.4	.6	.4	.4								2.7	4.1
NE	1.1	.	.1									1.7	3.9
ENE	.5	.5										1.1	4.9
E	1.7	.4										1.2	4.7
ESE	.7	.7		.2								1.7	4.4
SE	1.2	.7	.4	.7	.6	.7	.2	.2				4.6	13.5
SSE	1.1	.	1.1	.6	.4	.1						4.2	4.1
S	2.2	2.7	1.2	.5	.2							7.3	4.1
SSW	1.	2.1	2.4	.7	.1							7.6	6.7
SW	1.	6.4	3.2	.6	.1							14.4	5.1
WSW	1.	3.8	5.1	2.4	.4							13.1	7.8
W	2.7	2.7	2.1	1.2	.1							5.9	6.2
WNW	1.4	.6	.2									2.2	3.4
NW	.	.7	.1									1.7	3.4
NNW	1.	.6	.2	.1								2.7	3.9
VARBL													
CALM												10.3	
	23.	25.3	17.7	8.5	2.6	1.2	.4	.4				100.	5.3

TOTAL NUMBER OF OBSERVATIONS 645

SECTAL CLIMATOLOGY - ANCH
 PACIFIC
 AIR WEATHER SERVICE / AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4-10 STATION TRAVIS AFB TX 74-6 YEARS 5-8 MONTH
 CLASS ALL DATA
 1-2-2301
 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.2	1.0	1.7	1.7	1.7	1.1						0.3	0.0
NNE	1.0	0.0	0.7	0.2	0.2							0.2	0.0
NE	0.0	0.0	0.2									0.0	0.0
ENE		0.1										0.1	0.0
E	0.0	0.1										0.0	0.0
ESE	0.0	0.2	0.7									0.1	0.0
SE	0.0	0.2	0.7	0.0		0.1						0.0	0.0
SSE		1.0	0.5	1.7	0.5		0.1					0.1	0.0
S	0.0	2.7	1.9	0.9								7.1	0.3
SSW	0.0	4.0	1.9	0.5	0.1							9.0	0.0
SW	1.4	0.0	4.5	1.7	0.1							11.2	0.6
WSW	1.0	3.0	0.1	1.0								10.0	0.0
W	0.0	1.4	1.1	1.2	0.2	0.1						0.7	0.0
WNW	0.0	0.1	0.1									0.0	0.0
NW	0.0	0.6										0.0	0.0
NNW	0.0	1.7										0.2	0.0
VARBL													
CALM												24.3	

TOTAL NUMBER OF OBSERVATIONS 240

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14-16 STATION TRAVIS AFB CA 74-63 YEARS 1960 MONTH 11 HOURS 11.5 T 1
ALL-WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	1.7	.7	1.2	.2	.2	.2				1.4	2.7
NNE	2.2	2.7	2.4	.9	.7							2.2	2.7
NE	1.1	1.7	.5	.1								1.2	4.4
ENE	.2	.2	.1	.2								.2	3.9
E	1.2	.2	.1	.2								2.2	2.4
ESE	.2	.2	.2	.2	.4	.5	.1					1.2	3.2
SE	.2	.2	1.1	1.2	.4	.5	.1					4.2	11.2
SSE	.2	.2	.2	1.7	.4	.1	.1					4.1	4.2
S	1.7	2.3	1.6	.9	.1							3.6	9.5
SSW	.2	2.2	1.7	.6	.1	.2						3.2	8.7
SW	1.4	3.2	3.1	1.2	.2	.2						3.5	9.4
WSW	1.1	2.2	3.6	2.6	.2	.2	.2					3.9	6.3
W	1.1	1.7	1.3	1.1	.1							1.5	7.1
WNW	.2	.4	.1	.1								1.2	3.8
NW	.2	.2	.1	.2								1.1	3.1
NNW	1.2	.2	.2	.1	.2							.1	4.2
VARBL													
CALM												14.9	
	1.1	24.2	16.4	11.9	2.9	1.4	.4	.1				10.4	5.7

TOTAL NUMBER OF OBSERVATIONS 6768

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14116 TRAVIS AFB CA STATION NAME 74-23 YEARS 44
CLASS ALL WEATHER HOURS 11-11
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	1.2	1.7	.5	.1						4.9	0.4
NNE	1.4	.4	.3	.5	.1							2.7	0.2
NE	.2	.1	.1	.1								.2	.1
ENE	.2			.1								.2	.1
E	.4											.4	.1
ESE	.1	.1		.1								.3	.1
SE	.2	.1	.2	.9	.2							2.4	1.4
SSE	.2	1.2	1.3	.6		.1						4.2	0.4
S	1.3	1.2	1.3	.6	.1							4.7	0.3
SSW	.3	.3	.8	.4								.3	.2
SW	3.2	3.2	3.2	3.7	.2							22.2	7.0
WSW	1.4	4.6	7.6	4.6	.4		.2					19.1	0.7
W	1.2	2.4	.9	.6	.1							5.2	0.2
WNW	1.3	.4										1.7	.2
NW	.2	.3	.1									.2	.3
NNW	.2	1.1	.5	.1								2.3	.3
VARBL													
CALM												17.7	
	1.6	25.9	23.5	13.3	2.3	.4	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 53

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-16 STATION TRAVIS AFB CA 14-83 YEARS MONTH
CLASS ALL WEATHER HOUSE (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	2.3	2.2	.4	.1						2.4	2.4
NNE	1.4	1.4	.7	.5		.1						2.4	2.4
NE	.7	.8	.1	.1								.3	1.5
ENE	.1	.1										.2	.3
E	.7	.3										.4	1.2
ESE	.7	.4		.1								.3	1.2
SE	.7	.6	.3	.4	.6	.1						1.7	1.1
SSE	1.1	.7	1.1	.6	.7	.2						4.1	2.4
S	1.4	2.7	1.7	.9								1.0	1.1
SSW	1.4	2.7	1.4	.7								4.5	2.4
SW	.7	7.5	6.6	1.9	.1							19.1	2.7
WSW	1.1	4.4	4.5	2.6	.7	.1						11.1	7.4
W	1.4	1.4	1.4	.6								5.7	2.2
WNW	.7	.6	.1									1.4	1.2
NW	1.4	.4										1.4	1.2
NNW	1.7	1.3	.3	.1								1.4	1.7
VARBL													
CALM												12.2	
	1.2	20.5	23.1	13.0	1.6	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 572

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 16-16 IRANIS AFB CA STATION NAME 74-83 YEARS 44-83
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	2.6	1.9	.5	.2	.1					1.0	7.4
NNE	2.9	2.3	1.2	.5	.3							2.7	5.7
NE	.1	.2	.2									.1	4.6
ENE	.1											.1	1.5
E		.7	.2									.1	4.7
ESE	.1	.4	.4	.1								1.2	4.6
SE	.1	1.1	.5	.8	.6	.7						4.1	10.1
SSE	.1	1.5	1.1	.5	.6							4.5	9.9
S	1.1	2.2	1.5	.5								5.0	5.7
SSW	1.2	1.2	1.5	.1								4.7	5.3
SW	1.1	4.1	3.3	1.4	.1							11.0	5.4
WSW	1.1	3.1	4.1	2.6	.6							13.1	5.7
W	.1	1.1	1.5	.5								5.7	5.5
WNW	.1	.2										.2	1.5
NW	.1	.2										1.0	5.4
NNW	1.2	1.1	.4									1.2	5.6
VARBL													
CALM												12.4	

TOTAL NUMBER OF OBSERVATIONS 130

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-16 STATION TRAVIS AFB CA 74-43 YEARS 1942-1952
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	2.4	3.0	5.3	5.0	2.2	1.2						10.8
NNE	1.1	2.0	4.0	2.7	.2							7.9
NE	1.2	1.1	.5	.2								1.1
ENE	.1	.7	.1									4.1
E	1.4	.3	.3									3.3
ESE	.1	.1	.2									3.1
SE	.1	1.2	1.1	.8	.9							4.1
SSE	.2	.2	.6	1.6	.3	.1						11.1
S	.1	1.3	1.1	1.0	.1	.1						9.1
SSW	.1	1.5	2.4	1.1	.2							6.2
SW	1.1	2.7	3.5	2.7	.2							5.1
WSW	1.3	2.2	3.7	4.5	.6							12.3
W	.1	1.6	2.1	1.5	.1							6.3
WNW	1.1	.1	.1	.1								4.1
NW	.1	.2	.2	.1	.1							7.6
NNW	.1	.4	.0	.1	.2							6.7
VARBL												
CALM												5.0
	11.6	11.9	26.1	24.0	5.1	1.4						100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE DIVISION
AFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-16 STATION NAME TRAVIS AFB, CA YEARS 74-83 MONTH MAY
CLASS ALL WEATHER 1982-1983
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	4.3	5.1	1.9	1.2	1.1					17.0	11.7
NNE	1.7	3.2	4.0	1.6	1.1							1.4	2.4
NE	1.4	1.6	1.5	1.3								3.0	2.4
ENE	1.0	1.5	1.2									1.0	4.4
E	1.0	1.6	1.2									1.0	3.5
ESE	1.0	1.1	1.4									1.4	4.2
SE	1.0	1.4	1.5	1.1	1.4							1.2	4.4
SSE	1.0	1.4	1.6	1.6	1.2							1.2	1.4
S	1.2	1.3	1.1	1.1	1.2							4.2	7.4
SSW	1.0	1.4	2.5	1.5	1.2	1.1						7.5	9.9
SW	1.0	2.0	3.8	3.2	1.2		1.1					11.5	4.7
WSW	1.0	2.4	3.5	6.1	1.2							14.2	1.0
W	1.0	1.2	3.3	2.6	1.3							2.4	7.0
WNW	1.0	1.1	1.0	1.0								1.0	4.1
NW	1.0	1.3	1.1	1.2								1.1	2.4
NNW	1.0	1.2	1.4	1.2								1.3	1.5
VARBL													
CALM												7.0	
	1.5	15.1	7.1	24.9	5.9	1.4	1.2					1.0	4.4

TOTAL NUMBER OF OBSERVATIONS 13

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74 16 STATION TRAVIS AFB CA 74-16 YEARS 1974-1977
STATION NAME STATION NAME YEARS MONTHS
ALL WEATHER CLASS 1974-1977
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.7	2.4	3.5	3.8	.2	.4	.1					1.0
NNE	.7	2.6	2.7	1.7	.1	.2						1.0
NE	1.7	.6	.5	.7								1.0
ENE	1.1	.3	.1									1.0
E	1.7	1.7	.1									1.0
ESE	.7	.5	.1	.1								1.0
SE	.7	1.2	.5	.6	.2							1.0
SSE	.7	.6	.3	.4								1.0
S	1.7	.6	1.4	.6	.2							1.0
SSW	1.7	1.7	.8	1.3	.1	.1						1.0
SW	.4	2.5	5.1	3.4	.4							1.0
WSW	.7	2.3	1.7	11.1	.8	.2						1.0
W	1.0	1.7	3.2	4.7	.9							1.0
WNW	.7	.7	.4	.2	.1							1.0
NW	.7	.2	.1	.1	.1							1.0
NNW	.7	.2	.2	.2	.2							1.0
VARBL												1.0
CALM												1.0
	10.3	17.7	25.6	23.4	4.5	1.0	.1					1.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 METAC
 WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1410 STATION NAME TALLS AIR CA YEARS 7-21
 CLASS ALL DAY
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	2.7	1.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

U. S. AIR FORCE
 WIND DATA
 STATION NO. 100-100000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION 100-100000 STATION NAME: STATION 100-100000 YEARS: 1950-1951
 CLASS: 100-100000
 CONDITION: 100-100000

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-71	72-79	80-87	88-95	96-103	104-111	112-119	120-127	128-135	136-143	144-151	152-159	160-167	168-175	176-183	184-191	192-199	200-207	208-215	216-223	224-231	232-239	240-247	248-255	256-263	264-271	272-279	280-287	288-295	296-303	304-311	312-319	320-327	328-335	336-343	344-351	352-359	360-367	368-375	376-383	384-391	392-399	400-407	408-415	416-423	424-431	432-439	440-447	448-455	456-463	464-471	472-479	480-487	488-495	496-503	504-511	512-519	520-527	528-535	536-543	544-551	552-559	560-567	568-575	576-583	584-591	592-599	600-607	608-615	616-623	624-631	632-639	640-647	648-655	656-663	664-671	672-679	680-687	688-695	696-703	704-711	712-719	720-727	728-735	736-743	744-751	752-759	760-767	768-775	776-783	784-791	792-799	800-807	808-815	816-823	824-831	832-839	840-847	848-855	856-863	864-871	872-879	880-887	888-895	896-903	904-911	912-919	920-927	928-935	936-943	944-951	952-959	960-967	968-975	976-983	984-991	992-999	1000-1007	1008-1015	1016-1023	1024-1031	1032-1039	1040-1047	1048-1055	1056-1063	1064-1071	1072-1079	1080-1087	1088-1095	1096-1103	1104-1111	1112-1119	1120-1127	1128-1135	1136-1143	1144-1151	1152-1159	1160-1167	1168-1175	1176-1183	1184-1191	1192-1199	1200-1207	1208-1215	1216-1223	1224-1231	1232-1239	1240-1247	1248-1255	1256-1263	1264-1271	1272-1279	1280-1287	1288-1295	1296-1303	1304-1311	1312-1319	1320-1327	1328-1335	1336-1343	1344-1351	1352-1359	1360-1367	1368-1375	1376-1383	1384-1391	1392-1399	1400-1407	1408-1415	1416-1423	1424-1431	1432-1439	1440-1447	1448-1455	1456-1463	1464-1471	1472-1479	1480-1487	1488-1495	1496-1503	1504-1511	1512-1519	1520-1527	1528-1535	1536-1543	1544-1551	1552-1559	1560-1567	1568-1575	1576-1583	1584-1591	1592-1599	1600-1607	1608-1615	1616-1623	1624-1631	1632-1639	1640-1647	1648-1655	1656-1663	1664-1671	1672-1679	1680-1687	1688-1695	1696-1703	1704-1711	1712-1719	1720-1727	1728-1735	1736-1743	1744-1751	1752-1759	1760-1767	1768-1775	1776-1783	1784-1791	1792-1799	1800-1807	1808-1815	1816-1823	1824-1831	1832-1839	1840-1847	1848-1855	1856-1863	1864-1871	1872-1879	1880-1887	1888-1895	1896-1903	1904-1911	1912-1919	1920-1927	1928-1935	1936-1943	1944-1951	1952-1959	1960-1967	1968-1975	1976-1983	1984-1991	1992-1999	2000-2007	2008-2015	2016-2023	2024-2031	2032-2039	2040-2047	2048-2055	2056-2063	2064-2071	2072-2079	2080-2087	2088-2095	2096-2103	2104-2111	2112-2119	2120-2127	2128-2135	2136-2143	2144-2151	2152-2159	2160-2167	2168-2175	2176-2183	2184-2191	2192-2199	2200-2207	2208-2215	2216-2223	2224-2231	2232-2239	2240-2247	2248-2255	2256-2263	2264-2271	2272-2279	2280-2287	2288-2295	2296-2303	2304-2311	2312-2319	2320-2327	2328-2335	2336-2343	2344-2351	2352-2359	2360-2367	2368-2375	2376-2383	2384-2391	2392-2399	2400-2407	2408-2415	2416-2423	2424-2431	2432-2439	2440-2447	2448-2455	2456-2463	2464-2471	2472-2479	2480-2487	2488-2495	2496-2503	2504-2511	2512-2519	2520-2527	2528-2535	2536-2543	2544-2551	2552-2559	2560-2567	2568-2575	2576-2583	2584-2591	2592-2599	2600-2607	2608-2615	2616-2623	2624-2631	2632-2639	2640-2647	2648-2655	2656-2663	2664-2671	2672-2679	2680-2687	2688-2695	2696-2703	2704-2711	2712-2719	2720-2727	2728-2735	2736-2743	2744-2751	2752-2759	2760-2767	2768-2775	2776-2783	2784-2791	2792-2799	2800-2807	2808-2815	2816-2823	2824-2831	2832-2839	2840-2847	2848-2855	2856-2863	2864-2871	2872-2879	2880-2887	2888-2895	2896-2903	2904-2911	2912-2919	2920-2927	2928-2935	2936-2943	2944-2951	2952-2959	2960-2967	2968-2975	2976-2983	2984-2991	2992-2999	3000-3007	3008-3015	3016-3023	3024-3031	3032-3039	3040-3047	3048-3055	3056-3063	3064-3071	3072-3079	3080-3087	3088-3095	3096-3103	3104-3111	3112-3119	3120-3127	3128-3135	3136-3143	3144-3151	3152-3159	3160-3167	3168-3175	3176-3183	3184-3191	3192-3199	3200-3207	3208-3215	3216-3223	3224-3231	3232-3239	3240-3247	3248-3255	3256-3263	3264-3271	3272-3279	3280-3287	3288-3295	3296-3303	3304-3311	3312-3319	3320-3327	3328-3335	3336-3343	3344-3351	3352-3359	3360-3367	3368-3375	3376-3383	3384-3391	3392-3399	3400-3407	3408-3415	3416-3423	3424-3431	3432-3439	3440-3447	3448-3455	3456-3463	3464-3471	3472-3479	3480-3487	3488-3495	3496-3503	3504-3511	3512-3519	3520-3527	3528-3535	3536-3543	3544-3551	3552-3559	3560-3567	3568-3575	3576-3583	3584-3591	3592-3599	3600-3607	3608-3615	3616-3623	3624-3631	3632-3639	3640-3647	3648-3655	3656-3663	3664-3671	3672-3679	3680-3687	3688-3695	3696-3703	3704-3711	3712-3719	3720-3727	3728-3735	3736-3743	3744-3751	3752-3759	3760-3767	3768-3775	3776-3783	3784-3791	3792-3799	3800-3807	3808-3815	3816-3823	3824-3831	3832-3839	3840-3847	3848-3855	3856-3863	3864-3871	3872-3879	3880-3887	3888-3895	3896-3903	3904-3911	3912-3919	3920-3927	3928-3935	3936-3943	3944-3951	3952-3959	3960-3967	3968-3975	3976-3983	3984-3991	3992-3999	4000-4007	4008-4015	4016-4023	4024-4031	4032-4039	4040-4047	4048-4055	4056-4063	4064-4071	4072-4079	4080-4087	4088-4095	4096-4103	4104-4111	4112-4119	4120-4127	4128-4135	4136-4143	4144-4151	4152-4159	4160-4167	4168-4175	4176-4183	4184-4191	4192-4199	4200-4207	4208-4215	4216-4223	4224-4231	4232-4239	4240-4247	4248-4255	4256-4263	4264-4271	4272-4279	4280-4287	4288-4295	4296-4303	4304-4311	4312-4319	4320-4327	4328-4335	4336-4343	4344-4351	4352-4359	4360-4367	4368-4375	4376-4383	4384-4391	4392-4399	4400-4407	4408-4415	4416-4423	4424-4431	4432-4439	4440-4447	4448-4455	4456-4463	4464-4471	4472-4479	4480-4487	4488-4495	4496-4503	4504-4511	4512-4519	4520-4527	4528-4535	4536-4543	4544-4551	4552-4559	4560-4567	4568-4575	4576-4583	4584-4591	4592-4599	4600-4607	4608-4615	4616-4623	4624-4631	4632-4639	4640-4647	4648-4655	4656-4663	4664-4671	4672-4679	4680-4687	4688-4695	4696-4703	4704-4711	4712-4719	4720-4727	4728-4735	4736-4743	4744-4751	4752-4759	4760-4767	4768-4775	4776-4783	4784-4791	4792-4799	4800-4807	4808-4815	4816-4823	4824-4831	4832-4839	4840-4847	4848-4855	4856-4863	4864-4871	4872-4879	4880-4887	4888-4895	4896-4903	4904-4911	4912-4919	4920-4927	4928-4935	4936-4943	4944-4951	4952-4959	4960-4967	4968-4975	4976-4983	4984-4991	4992-4999	5000-5007	5008-5015	5016-5023	5024-5031	5032-5039	5040-5047	5048-5055	5056-5063	5064-5071	5072-5079	5080-5087	5088-5095	5096-5103	5104-5111	5112-5119	5120-5127	5128-5135	5136-5143	5144-5151	5152-5159	5160-5167	5168-5175	5176-5183	5184-5191	5192-5199	5200-5207	5208-5215	5216-5223	5224-5231	5232-5239	5240-5247	5248-5255	5256-5263	5264-5271	5272-5279	5280-5287	5288-5295	5296-5303	5304-5311	5312-5319	5320-5327	5328-5335	5336-5343	5344-5351	5352-5359	5360-5367	5368-5375	5376-5383	5384-5391	5392-5399	5400-5407	5408-5415	5416-5423	5424-5431	5432-5439	5440-5447	5448-5455	5456-5463	5464-5471	5472-5479	5480-5487	5488-5495	5496-5503	5504-5511	5512-5519	5520-5527	5528-5535	5536-5543	5544-5551	5552-5559	5560-5567	5568-5575	5576-5583	5584-5591	5592-5599	5600-5607	5608-5615	5616-5623	5624-5631	5632-5639	5640-5647	5648-5655	5656-5663	5664-5671	5672-5679	5680-5687	5688-5695	5696-5703	5704-5711	5712-5719	5720-5727	5728-5735	5736-5743	5744-5751	5752-5759	5760-5767	5768-5775	5776-5783	5784-5791	5792-5799	5800-5807	5808-5815	5816-5823	5824-5831	5832-5839	5840-5847	5848-5855	5856-5863	5864-5871	5872-5879	5880-5887	5888-5895	5896-5903	5904-5911	5912-5919	5920-5927	5928-5935	5936-5943	5944-5951	5952-5959	5960-5967	5968-5975	5976-5983	5984-5991	5992-5999	6000-6007	6008-6015	6016-6023	6024-6031	6032-6039	6040-6047	6048-6055	6056-6063	6064-6071	6072-6079	6080-6087	6088-6095	6096-6103	6104-6111	6112-6119	6120-6127	6128-6135	6136-6143	6144-6151	6152-6159	6160-6167	6168-6175	6176-6183	6184-6191	6192-6199	6200-6207	6208-6215	6216-6223	6224-6231	6232-6239	6240-6247	6248-6255	6256-6263	6264-6271	6272-6279	6280-6287	6288-6295	6296-6303	6304-6311	6312-6319	6320-6327	6328-6335	6336-6343	6344-6351	6352-6359	6360-6367	6368-6375	6376-6383	6384-6391	6392-6399	6400-6407	6408-6415	6416-6423	6424-6431	6432-6439	6440-6447	6448-6455	6456-6463	6464-6471	6472-6479	6480-6487	6488-6495	6496-6503	6504-6511	6512-6519	6520-6527	6528-6535	6536-6543	6544-6551	6552-6559	6560-6567	6568-6575	6576-6583	6584-6591	6592-6599	6600-6607	6608-6615	6616-6623	6624-6631	6632-6639	6640-6647	6648-6655	6656-6663	6664-6671	6672-6679	6680-6687	6688-6695	6696-6703	6704-6711	6712-6719	6720-6727	6728-6735	6736-6743	6744-6751	6752-6759	6760-6767	6768-6775	6776-6783	6784-6791	6792-6799	6800-6807	6808-6815	6816-6823	6824-6831	6832-6839	6840-6847	6848-6855	6856-6863	6864-6871	6872-6879	6880-6887	6888-6895	6896-6903	6904-6911	6912-6919	6920-6927	6928-6935	6936-6943	6944-6951	6952-6959	6960-6967	6968-6975	6976-6983	6984-6991	6992-6999	7000-7007
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U.S. AIR FORCE
 CLIMATE DIVISION
 WAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74610 STATION NAME TRAVIS AFB TX YEARS 74-75 MONTH MAY
 CLASS ALL WEATHER HOURS (L & T) ALL
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	2.0	3.1	1.9	1.5	1.1					11.2	1.7
NNE	1.1	1.0	1.7	1.0	1.1	1.1						5.7	1.1
NE	1.7	1.5	1.4	1.2	1.0							1.0	1.6
ENE	1.1	1.2	1.1	1.0								1.7	1.2
E	1.1	1.5	1.1									1.4	1.5
ESE	1.1	1.7	1.2	1.1								1.1	1.4
SE	1.1	1.7	1.6	1.7	1.5	1.1	1.1					3.2	1.6
SSE	1.1	1.0	1.3	1.7	1.2	1.1						3.2	1.6
S	1.1	1.5	1.2	1.0	1.1	1.0						1.2	1.7
SSW	1.1	1.4	1.7	1.5	1.2	1.0	1.1					1.5	1.6
SW	1.1	1.0	1.7	1.0	1.3	1.1	1.1					1.2	1.6
WSW	1.1	1.0	1.7	1.6	1.7	1.1	1.1					1.7	1.3
W	1.1	1.2	1.3	1.9	1.2							1.1	1.6
WNW	1.1	1.0	1.2	1.1	1.0							1.4	1.7
NW	1.1	1.3	1.1	1.1	1.0							1.1	1.7
NNW	1.1	1.0	1.4	1.1	1.1							1.3	1.1
VARBL													
CALM												1.1	
	1.1	2.3	2.4	1.1	3.3	1.1	1.1					1.0	1.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74 16 STATION TRAVIS AFB CA STATION NAME 74-8 YEARS 48 NORTH
ALL WEATHER CLASS 000-000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.6	2.7	.3	.4						5.5	11.2
NNE	.5	.2	.4	.1								1.2	2.2
NE													
ENE	.7	.7										.9	3.3
E	.5	.1										.7	4.3
ESE	.3		.7									.4	7.2
SE	.7	.2	.4	.4								1.2	8.9
SSE	1.1	.5		.1								1.3	3.7
S	1.7	1.9	1.2	.2								5.2	4.9
SSW	3.4	3.3	1.4	.4								8.8	4.8
SW	.1	1.7	13.1	7.7	1.2							14.1	2.4
WSW	2.3	4.7	6.7	5.6	1.8	.7						22.4	2.8
W	1.2	2.7	1.6	.6	.2							5.0	8.7
WNW	.4	.7										.8	2.7
NW	.5	.1	.2									.2	3.8
NNW	.5	.3	.2	.7								2.2	5.4
VARBL													
CALM												.3	
	1.2	25.2	7.3	13.7	3.6	.7						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 200

U.S. AIR FORCE
 CLIMATE BRANCH
 WAFETAC
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 TRAVIS AFB CA STATION NAME 7-58 YEARS
 CLASS ALL WEATHER HOURS 1-24
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N	1.1	1.2	1.1	2.9	2.9	2.2						2.7	10.7
NNE	2.2	2.2	2.2									2.2	2.2
NE	2.2											2.2	2.2
ENE		2.2										2.2	2.2
E			2.1									2.1	2.1
ESE		2.2										2.2	2.2
SE		1.2	2.7	2.1								2.2	2.2
SSE		2.2	2.2	2.2								2.2	2.2
S	1.7	1.3	2.2	2.2								1.7	2.2
SSW	2.2	2.7	1.3	2.2								2.2	2.2
SW	2.2	2.4	7.9	2.2	2.2	2.7						2.2	2.2
WSW	2.2	2.1	1.6	2.9	1.2							2.2	2.2
W	2.2	2.2	1.2	2.2	2.1							2.2	2.2
WNW	1.1	2.2										1.1	2.2
NW		1.2	2.1									1.2	2.2
NNW		2.2	2.4	2.1								2.2	2.2
VARBL												2.2	2.2
CALM												11.7	
	12.6	27.1	1.3	1.3	2.3	2.7						10.7	2.2

TOTAL NUMBER OF OBSERVATIONS 1000

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 416 STATION NAME TRAVIS AFB CA YEARS 71-83 MONTH ALL
CLASS ALL WEATHER
HOURS 11.5
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	2.2	2.4	2.0	.1						1.4	1.4
NNE	1.3	.4	.7	.4								2.2	5.6
NE	.1	.7										.7	2.3
ENE	.2	.1	.2									.2	1.4
E	.1	.1	.2									.1	1.4
ESE	.1	.4	.4	1.1								.1	4.9
SE	.1	.4	.4	1.1								.1	4.9
SSE	.1	.1	1.0	.4								.1	3.8
S	1.1	1.7	1.1									3.9	7.7
SSW	1.2	2.0	.0	.7								4.4	4.9
SW	1.4	5.0	4.0	4.3	.7	.1						13.2	7.7
WSW	1.0	5.3	6.0	5.6	1.0							23.2	11.4
W	2.5	1.0	1.9	1.7	.7	.1						6.1	7.4
WNW	.7	.1		.2								.2	4.1
NW	.1	.2										.2	2.2
NNW	.1	.4	.6	.3								.2	3.0
VARBL												15.7	
CALM													
	17.6	23.7	11.2	15.7	4.9	.4	.1					10.2	4.6

TOTAL NUMBER OF OBSERVATIONS 700

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRAVIS AFB TX STATION NAME 74-63 YEARS APR 60
CLASS ALL WEATHER 1000-1000
CONDITION HOURLY (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	3.8	5.7	2.8	1.2	.1					1.00	11.0
NNE	1.1	2.3	2.3	4.6	.6	.2						1.01	11.7
NE	.1	.2	.1									1.2	1.0
ENE	.1	.2										.1	1.1
E	.1	.3	.1									1.0	1.4
ESE	.1	.2										.6	1.2
SE	.1	.4	.2	.2								1.1	1.2
SSE	.1	.2	.2	1.0								2.0	1.1
S	.7	1.1	1.1	.9	.1							1.7	7.5
SSW	1.1	1.3	1.0	.6	.2							1.0	7.4
SW	1.1	4.3	4.7	4.6	.8	.1						1.0	1.3
WSW	1.2	2.1	6.2	6.5	1.7	.1						1.0	1.3
W	1.1	2.1	2.1	2.4	.1							1.0	1.2
WNW	1.1	.1			.1							1.0	4.1
NW	.1	.3	.1		.1							.2	1.1
NNW	.1	1.2	.1	.4								1.2	1.3
VARBL													
CALM													
	15.7	2.7	4.1	25.3	6.4	1.7	.1					1.0	

TOTAL NUMBER OF OBSERVATIONS 600

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-16 STATION NAME T-4-15 AFB CA YEARS 74-81 NORTH 140
CLASS ALL WEATHER 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	4.2	3.9	2.2							14.1	11.0
NNE	1.0	1.1	2.2	2.4	0.2							7.3	6.2
NE	0.1	1.0	0.2									1.7	5.1
ENE	0.1	0.1										0.2	4.0
E		0.4	0.1									1.0	3.4
ESE	0.1	0.7		0.1								1.2	4.2
SE	0.1	0.7	0.2	0.3								1.1	7.0
SSE	0.7	0.7	0.2		0.7	0.1						1.0	8.1
S	1.0	1.4	0.6		0.3	0.1						4.0	9.2
SSW	1.0	2.2	2.4	1.2	0.1							7.4	7.1
SW	1.4	4.1	6.2	6.6	0.7	0.2						15.8	6.4
WSW	1.1	3.0	5.9	7.8	1.4	0.3						20.1	10.3
W	1.1	2.2	3.7	2.1	0.4							12.6	8.9
WNW	0.7	0.7	0.2									1.0	3.9
NW	0.1		0.2	0.1								1.4	4.0
NNW	0.1	0.4	0.3	0.4								1.0	7.3
VARBL													
CALM												4.2	
	11.2	2.5	27.3	26.0	5.9	1.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-16 INDIAN LAKE CA STATION NAME 24-53 YEARS 1950-1959
 CLASS ALL WEATHER HOURS (L E T) 1500-1700

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	2.2	4.2	.4							5.7	10.5
NNE	.2	1.4	1.3	.6	.1	.1						4.4	2.5
NE	.1	.4										1.6	2.7
ENE		.2		.1								.3	7.7
E	.1		.1									1.3	4.7
ESE	.2	.2	.1									.7	4.2
SE			.1	.1	.2							1.2	12.5
SSE	.1	.2	.3									.2	1.1
S	.2	.6	.3		.1							1.6	5.4
SSW	.1	1.1	1.1	.2	.4							3.4	4.4
SW	.1	2.9	7.7	5.1	.7	.1						18.4	12.5
WSW	.1	3.3	1.1	1.5	1.0	.2						3.4	11.4
W	.7	2.0	6.1	7.1	.4	.2						17.2	10.2
WNW	.1	.2	.1									.7	4.2
NW	.1	.1	.1									.3	4.5
NNW	.1	.3	.2	.4								1.1	2.9
VARBL													
CALM													
	7.2	15.0	32.1	1.4	4.2	1.2						10.0	4.7

TOTAL NUMBER OF OBSERVATIONS 100

CENTRAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14116 TRAVIS AFB CA STATION NAME 74-01 YEARS MONTH 12-1-1960 12-31-1960
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.4	1.6	.7	.1							4.2	3.2
NNE	.0	.2	.1									2.8	2.2
NE	.1											1.4	2.2
ENE													
E	.1	.3										.7	2.5
ESE	.1	.1	.1									.3	1.0
SE	.1	.2	.4	.2	.2							1.2	3.0
SSE	.0		.2	.1	.1							.7	4.4
S	.0	.4	.2	.1	.1							1.2	6.6
SSW	.1	1.1	1.2	.7								3.2	6.6
SW	1.2	.7	7.1	7.1	.4							23.1	19.1
WSW	1.4	6.1	17.4	12.3	3.7	.4						61.2	14.1
W	1.0	2.0	5.1	3.3	.3	.1						13.3	8.7
WNW	.7	.3	.2									1.2	4.1
NW	.0	.2	.3									1.1	4.2
NNW	.4	.1	.3	.2								1.9	6.2
VARBL													
CALM												3.0	
	1.0	20.2	36.2	24.6	4.7	.0						100.0	

TOTAL NUMBER OF OBSERVATIONS 426

GLOBAL CLIMATOLOGY BRANCH
 PACAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

14-16 STATION TRAVID AFB CA 7-6 YEARS MONTH 14-16-100
 CLASS ALL WEATHER
 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.2	1.0	1.5	.2							4.2	4.7
NNE	.1		.1									.2	.1
NE	.1											.2	.1
NNE	.1	.1										.2	.1
E	.1	.1										.1	.1
ESE	.1	.1										.1	.1
SE	.1	.2										.1	.1
SSE	.1	.2	.4	.2	.1							1.0	7.4
S	1.1	1.1	1.0	.1	.1							1.4	1.7
SSW	1.1	4.3	3.9	1.2								1.4	1.1
SW	1.4	.1	14.8	5.2	1.3							13.1	1.1
WSW	2.3	2.7	5.6	3.1	1.0	.2						25.4	1.9
W	1.1	2.8	2.3	.9	.2							1.2	1.7
WNW	.1	.1	.1									.1	1.1
NW	.1	.4	.2									1.1	1.1
NNW	.3	.1	.3	.1								1.7	1.3
VARBL													
CALM												0.0	
	1.0	2.6	10.3	20.6	3.0	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 100

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1416 STATION NAME IRANIS AFB CA YEARS 7-80 MONTH ALL
CLASS ALL WEATHER HOURS (L & T) ALL
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	2.4	3.1	1.1	.7						5.2	1.1
NNE	.5	.3	1.1	.7	.1	.1						2.7	7.4
NE	.1	.3	.1									.7	3.5
ENE	.2	.2		.5								.4	3.8
E	.4	.4	.1									.5	3.2
ESE	.2	.2	.1	.4								.7	4.3
SE	.4	.4	.4	.4	.1							1.1	7.2
SSE	.1	.2	.4	.3	.1	.1						1.2	7.2
S	1.2	1.2	.6	.2	.1	.1						3.5	5.8
SSW	1.1	2.7	1.7	.7	.1	.1						5.5	6.3
SW	1.1	5.1	8.6	6.2	.7	.1	.1					23.7	3.7
WSW	1.1	5.1	8.2	5.0	1.3	.7	.1					20.6	2.9
W	1.1	2.3	3.1	2.4	.7	.1						6.7	2.2
WNW	.7	.2	.1	.6	.2							1.1	3.7
NW	.1	.2	.2	.6	.2							1.1	4.4
NNW	.1	.7	.4	.3								2.5	5.2
VARBL													
CALM												7.5	
	13.0	22.7	7.4	23.1	4.4	.2	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 700

SURFACE WINDS

428

USAFETAC

AL CLIMATE BUREAU
 STATION
 STATION NAME

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME STATION NAME YEARS MONTH CLASS

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N		1.7	1.2	4.7	1.2	1.2						1.1
NNE												1.1
NE												1.1
ENE												1.1
E												1.1
ESE												1.1
SE												1.1
SSE												1.1
S												1.1
SSW												1.1
SW	1.7	4.7	1.2	1.2	1.2	1.2						1.1
WSW	1.7	3.7	1.2	1.2	1.2	1.2						1.1
W	1.7	1.7	1.2	1.2	1.2	1.2						1.1
WNW												1.1
NW												1.1
NNW												1.1
VARBL												1.1
CALM												1.1

TOTAL NUMBER OF OBSERVATIONS

1-2

UNOFFICIAL COPY OF A ...

U.S. NATIONAL BUREAU OF METEOROLOGY
 WASHINGTON, D.C. 20541

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME: _____ YEAR: _____
 CLASS: _____
 LOCATION: _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

APPROXIMATE PERCENTAGE OF OBSERVATIONS

U.S. NATIONAL CLIMATOLOGICAL SERVICE
 WASHINGTON, D.C. 20541
 FORM NO. 1-60 (REV. 1-59)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11111111111111111111 STATION NAME 11111111111111111111 YEARS 11111111111111111111
 CLASS 11111111111111111111 MONTH 11111111111111111111
 CONDITION 11111111111111111111

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. NATIONAL CLIMATOLOGICAL SERVICE
 WASHINGTON, D.C. 20541

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

410	YAGS 488 03	1960	1941
STATION	STATION NAME	YEARS	BIRTH
		ALL 1 1 1 1 1	11-0-0-1-1-1
		CLASS	HOURS (L E T)
		CONDITION	

[illegible]

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 05-01-2001 BY 60322 UCBAW/STP

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-16 STATION NAME TOLUOIS AFB CA YEARS 7-63 MONTH MAY
 CLASS III
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE METEOROLOGICAL SERVICE WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

4-16	TRAVIS AFB CA	74-63	MAY
STATION	STATION NAME	YEARS	MONTH
ALL REPAIRED		1100-100	
CLASS		HOURS (L & T)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.3	.3	1.1								.3	10.1
NNE	.	.1										.1	2.1
NE													
ENE													
E													
ESE													
SE												.1	2.1
SSE													
S	.1	.4		.1									5.5
SSW	1.2	3.1	1.7	.9								6.7	5.3
SW	1.	5.7	12.7	23.9	5.1	1.						50.7	11.2
WSW	1.1	7.	8.	17.1	4.7	1.						29.0	12.1
W	.2	1.	1.1	1.3	.3							1.1	5.4
WNW	.											.3	4.3
NW		.4	.1									.1	4.3
NNW	.	.1	.3	.1								.1	3.1
VARBL													
CALM												2.0	
	5.	19.2	27.1	46.0	13.1	1.						100.	10.1

TOTAL NUMBER OF OBSERVATIONS 429

USAFETAC FORM 1-65 OL A - 1001. ALL INFORMATION ON THIS FORM ARE UNCLASSIFIED

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-16 STATION TRAVIS AFB CA STATION NAME 74-83 YEARS MAY MONTH
ALL WEATHER CLASS ALL HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	1.7	2.9	1.7	.5	.1					7.3	12.2
NNE		.7	.6	.8	.2							2.1	12.4
NE		.1										.3	4.6
ENE		.1	.2									.1	1.1
E		.1	.1	.1								.1	2.1
ESE		.1	.2									.1	3.3
SE		.1	.2									.1	4.5
SSE		.1	.1	.2								.1	3.3
S		.2	.2	.1								.2	3.4
SSW		1.3	.9	.6								2.4	6.5
SW	1.7	4.6	1.8	14.5	3.4	.4	.2					13.7	11.2
WSW		3.2	2.2	17.2	6.7	1.2	.2					27.3	12.4
W		1.6	2.2	2.8	.7	.1	.2					6.3	9.9
WNW		.3	.2	.1	.2							.7	5.7
NW		.3	.1	.2								.2	4.3
NNW		.3	.2	.1	.2							1.2	4.3
VARBL													
CALM													
	5.7	17.4	25.4	39.1	11.4	2.2	.1					100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA STATION NAME 74-16 YEARS MONTH 12-1-2000
CLASS ALL WEATHERS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.4	1.0	.6	.3						2.7	14.2
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.2	.4	.8	1.1	.1							7.7	14.2
SSW	.1	1.4	1.8	1.1	.1							2.2	14.2
SW	1.4	4.0	11.8	24.0	7.0	1.3						37.9	15.7
WSW	.1	1.4	4.3	13.8	12.6	5.0	.1					2.1	15.7
W	.1	.4	.4	.6	.1	.2						1.1	15.7
WNW													
NW	.1											1.1	15.7
NNW		.1	.1	.1								.4	15.7
VARBL												1.2	
CALM													
	1.3	7.8	19.3	47.6	20.3	7.3	.1					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 422

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 STATION NAME TRAVIS AFB CA YEARS 74-83 JUN
CLASS ALL WEATHER 0300-0600
HOURS (L & T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.7	1.2	1.1	.2						2.2	14.6
NNE	.2	.1	.1	.1								.8	2.2
NE													
ENE	.2											.2	2.7
E													
ESE													
SE													
SSE													
S	.1	.2										.7	3.3
SSW	.7	1.2	.7	.4								3.3	2.1
SW	1.1	4.4	13.3	27.0	5.1	.2						44.9	11.7
WSW	.2	3.1	5.7	17.4	12.1	2.4	.1					41.7	14.2
W	.2	.2	.3	.6	.6							3.3	4.2
WNW	.1	.3										.4	3.6
NW	.1											.1	1.2
NNW		.1										.1	4.1
VARBL													
CALM												1.4	
	4.0	11.2	20.4	42.0	18.9	3.6	.1					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 416 TRAVIS AFB CA STATION NAME 74-55 YEARS 1951
CLASS ALL WEATHER HOURS (L & T) 0000
CONDITION

SPEED (KNTS) D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.2	1.4	1.1	.2		1.				.2	1.4
NNE	.2	.1	.1	.2		.1						.1	1.4
NE													
ENE		.1										.1	.7
E	.1											.1	.7
ESE													
SE													
SSE		.1										.1	.7
S	.1	.3	.1									.1	.7
SSW	.1	.7		.2								.1	.7
SW	.7	3.6	1.1	16.8	4.2	.2						7.6	11.2
WSW	1.7	4.1	.7	17.6	12.2	.1						47.2	12.4
W	.1	.1	1.6	.6	.4							.1	.7
WNW	.1	.1										.1	.7
NW	.1	.1										.1	.7
NNW	.1	.4	.1									.1	.7
VARBL													
CALM												.2	
	.1	1.2	2.6	37.7	14.6	7.2		.1				1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 271

CLIMAT. CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 STATION NAME TRAVIS AFB CA YEARS 74-83 1974
 CLASS ALL WEATHER 9-11-12
 HOURS (LST) 0000-1100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.2	1.2	2.2	3.2	1.3	1.1						1.9
NNE		.4	1.0	1.4	.2	.2						4.2
NE	.1											2.0
ENE												
E	.5	.1										2.1
ESE	.2											2.1
SE		.1										2.1
SSE	.1											2.1
S	.1	.1	.1									4.5
SSW	.1		.4	.3	.1							2.1
SW	1.1	3.4	6.9	13.5	2.4	.3						28.8
WSW	.2	3.4	7.1	19.2	9.7	1.9						11.7
W	.2	1.7	1.9	1.7	.5							6.7
WNW	.4	.4	.1									1.2
NW	.1	.2	.2									.7
NNW	.1	.5	.1									1.2
VARBL												4.2
CALM												1.4
	.5	12.6	7.9	39.2	15.8	3.0						11.0

TOTAL NUMBER OF OBSERVATIONS 599

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA 74-83 YEARS 1974-1975
STATION NAME CLASS ALL WEATHER HOURS 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.2	3.1	.0	.4						5.9	12.4
NNE	.1	.0	1.2	1.6	.2							4.2	2.9
NE	.3											.5	2.7
ENE	.1											.1	3.5
E		.1										.1	4.2
ESE													
SE	.1											.1	2.2
SSE													
S	.4	.0	.2									.9	4.8
SSW	.4	1.7	1.3	.9								3.7	8.1
SW	1.7	2.7	7.4	16.2	3.7	.3						31.4	12.2
WSW	.2	2.7	8.7	12.6	12.2	1.7						37.9	14.2
W	.3	2.7	2.9	4.3	.9							10.4	10.5
WNW	.2	.0	.1									1.1	4.6
NW	.1	.0	.6									1.4	6.2
NNW		.4	.2	.2								.9	6.2
VARBL													
CALM												1.1	
	3.0	13.0	23.2	38.9	17.8	2.4						100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 222

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
4-15	AIRPORT		
	CLASS		NOV 1970
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS

OL A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

000000

CONCLUSION

[illegible]

TOTAL NUMBER OF OBSERVATIONS

[illegible]

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

[illegible]

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[illegible]

TOTAL NUMBER OF OBSERVATIONS

Abstract: The purpose of this study was to determine the effect of a 12-week training program on the heart rate (HR) and blood pressure (BP) of sedentary, middle-aged men. The subjects were divided into two groups: a control group and an exercise group. The exercise group performed a 12-week training program consisting of aerobic and resistance exercises. The HR and BP were measured at baseline and at the end of the 12-week program. The results showed that the exercise group had a significant decrease in both HR and BP compared to the control group. The HR decreased from 72 to 68 beats per minute, and the BP decreased from 120/80 to 110/70 mmHg. The control group showed no significant changes in HR and BP. The findings suggest that a 12-week training program can effectively reduce HR and BP in sedentary, middle-aged men.

U.S. NATIONAL CLIMATOLOGICAL DATA
 STATION
 NAME

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

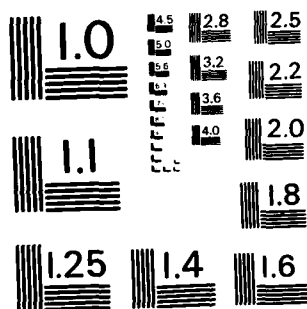
STATION NAME _____ YEARS _____
 CLASS _____
 CONDITION _____

SPEED KNOTS PER HOUR	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-71	72-79	80-87	88-95	96-103	104-111	112-119	120-127	128-135	136-143	144-151	152-159	160-167	168-175	176-183	184-191	192-199	200-207	208-215	216-223	224-231	232-239	240-247	248-255	256-263	264-271	272-279	280-287	288-295	296-303	304-311	312-319	320-327	328-335	336-343	344-351	352-359	360-367	368-375	376-383	384-391	392-399	400-407	408-415	416-423	424-431	432-439	440-447	448-455	456-463	464-471	472-479	480-487	488-495	496-503	504-511	512-519	520-527	528-535	536-543	544-551	552-559	560-567	568-575	576-583	584-591	592-599	600-607	608-615	616-623	624-631	632-639	640-647	648-655	656-663	664-671	672-679	680-687	688-695	696-703	704-711	712-719	720-727	728-735	736-743	744-751	752-759	760-767	768-775	776-783	784-791	792-799	800-807	808-815	816-823	824-831	832-839	840-847	848-855	856-863	864-871	872-879	880-887	888-895	896-903	904-911	912-919	920-927	928-935	936-943	944-951	952-959	960-967	968-975	976-983	984-991	992-999	1000-1007	1008-1015	1016-1023	1024-1031	1032-1039	1040-1047	1048-1055	1056-1063	1064-1071	1072-1079	1080-1087	1088-1095	1096-1103	1104-1111	1112-1119	1120-1127	1128-1135	1136-1143	1144-1151	1152-1159	1160-1167	1168-1175	1176-1183	1184-1191	1192-1199	1200-1207	1208-1215	1216-1223	1224-1231	1232-1239	1240-1247	1248-1255	1256-1263	1264-1271	1272-1279	1280-1287	1288-1295	1296-1303	1304-1311	1312-1319	1320-1327	1328-1335	1336-1343	1344-1351	1352-1359	1360-1367	1368-1375	1376-1383	1384-1391	1392-1399	1400-1407	1408-1415	1416-1423	1424-1431	1432-1439	1440-1447	1448-1455	1456-1463	1464-1471	1472-1479	1480-1487	1488-1495	1496-1503	1504-1511	1512-1519	1520-1527	1528-1535	1536-1543	1544-1551	1552-1559	1560-1567	1568-1575	1576-1583	1584-1591	1592-1599	1600-1607	1608-1615	1616-1623	1624-1631	1632-1639	1640-1647	1648-1655	1656-1663	1664-1671	1672-1679	1680-1687	1688-1695	1696-1703	1704-1711	1712-1719	1720-1727	1728-1735	1736-1743	1744-1751	1752-1759	1760-1767	1768-1775	1776-1783	1784-1791	1792-1799	1800-1807	1808-1815	1816-1823	1824-1831	1832-1839	1840-1847	1848-1855	1856-1863	1864-1871	1872-1879	1880-1887	1888-1895	1896-1903	1904-1911	1912-1919	1920-1927	1928-1935	1936-1943	1944-1951	1952-1959	1960-1967	1968-1975	1976-1983	1984-1991	1992-1999	2000-2007	2008-2015	2016-2023	2024-2031	2032-2039	2040-2047	2048-2055	2056-2063	2064-2071	2072-2079	2080-2087	2088-2095	2096-2103	2104-2111	2112-2119	2120-2127	2128-2135	2136-2143	2144-2151	2152-2159	2160-2167	2168-2175	2176-2183	2184-2191	2192-2199	2200-2207	2208-2215	2216-2223	2224-2231	2232-2239	2240-2247	2248-2255	2256-2263	2264-2271	2272-2279	2280-2287	2288-2295	2296-2303	2304-2311	2312-2319	2320-2327	2328-2335	2336-2343	2344-2351	2352-2359	2360-2367	2368-2375	2376-2383	2384-2391	2392-2399	2400-2407	2408-2415	2416-2423	2424-2431	2432-2439	2440-2447	2448-2455	2456-2463	2464-2471	2472-2479	2480-2487	2488-2495	2496-2503	2504-2511	2512-2519	2520-2527	2528-2535	2536-2543	2544-2551	2552-2559	2560-2567	2568-2575	2576-2583	2584-2591	2592-2599	2600-2607	2608-2615	2616-2623	2624-2631	2632-2639	2640-2647	2648-2655	2656-2663	2664-2671	2672-2679	2680-2687	2688-2695	2696-2703	2704-2711	2712-2719	2720-2727	2728-2735	2736-2743	2744-2751	2752-2759	2760-2767	2768-2775	2776-2783	2784-2791	2792-2799	2800-2807	2808-2815	2816-2823	2824-2831	2832-2839	2840-2847	2848-2855	2856-2863	2864-2871	2872-2879	2880-2887	2888-2895	2896-2903	2904-2911	2912-2919	2920-2927	2928-2935	2936-2943	2944-2951	2952-2959	2960-2967	2968-2975	2976-2983	2984-2991	2992-2999	3000-3007	3008-3015	3016-3023	3024-3031	3032-3039	3040-3047	3048-3055	3056-3063	3064-3071	3072-3079	3080-3087	3088-3095	3096-3103	3104-3111	3112-3119	3120-3127	3128-3135	3136-3143	3144-3151	3152-3159	3160-3167	3168-3175	3176-3183	3184-3191	3192-3199	3200-3207	3208-3215	3216-3223	3224-3231	3232-3239	3240-3247	3248-3255	3256-3263	3264-3271	3272-3279	3280-3287	3288-3295	3296-3303	3304-3311	3312-3319	3320-3327	3328-3335	3336-3343	3344-3351	3352-3359	3360-3367	3368-3375	3376-3383	3384-3391	3392-3399	3400-3407	3408-3415	3416-3423	3424-3431	3432-3439	3440-3447	3448-3455	3456-3463	3464-3471	3472-3479	3480-3487	3488-3495	3496-3503	3504-3511	3512-3519	3520-3527	3528-3535	3536-3543	3544-3551	3552-3559	3560-3567	3568-3575	3576-3583	3584-3591	3592-3599	3600-3607	3608-3615	3616-3623	3624-3631	3632-3639	3640-3647	3648-3655	3656-3663	3664-3671	3672-3679	3680-3687	3688-3695	3696-3703	3704-3711	3712-3719	3720-3727	3728-3735	3736-3743	3744-3751	3752-3759	3760-3767	3768-3775	3776-3783	3784-3791	3792-3799	3800-3807	3808-3815	3816-3823	3824-3831	3832-3839	3840-3847	3848-3855	3856-3863	3864-3871	3872-3879	3880-3887	3888-3895	3896-3903	3904-3911	3912-3919	3920-3927	3928-3935	3936-3943	3944-3951	3952-3959	3960-3967	3968-3975	3976-3983	3984-3991	3992-3999	4000-4007	4008-4015	4016-4023	4024-4031	4032-4039	4040-4047	4048-4055	4056-4063	4064-4071	4072-4079	4080-4087	4088-4095	4096-4103	4104-4111	4112-4119	4120-4127	4128-4135	4136-4143	4144-4151	4152-4159	4160-4167	4168-4175	4176-4183	4184-4191	4192-4199	4200-4207	4208-4215	4216-4223	4224-4231	4232-4239	4240-4247	4248-4255	4256-4263	4264-4271	4272-4279	4280-4287	4288-4295	4296-4303	4304-4311	4312-4319	4320-4327	4328-4335	4336-4343	4344-4351	4352-4359	4360-4367	4368-4375	4376-4383	4384-4391	4392-4399	4400-4407	4408-4415	4416-4423	4424-4431	4432-4439	4440-4447	4448-4455	4456-4463	4464-4471	4472-4479	4480-4487	4488-4495	4496-4503	4504-4511	4512-4519	4520-4527	4528-4535	4536-4543	4544-4551	4552-4559	4560-4567	4568-4575	4576-4583	4584-4591	4592-4599	4600-4607	4608-4615	4616-4623	4624-4631	4632-4639	4640-4647	4648-4655	4656-4663	4664-4671	4672-4679	4680-4687	4688-4695	4696-4703	4704-4711	4712-4719	4720-4727	4728-4735	4736-4743	4744-4751	4752-4759	4760-4767	4768-4775	4776-4783	4784-4791	4792-4799	4800-4807	4808-4815	4816-4823	4824-4831	4832-4839	4840-4847	4848-4855	4856-4863	4864-4871	4872-4879	4880-4887	4888-4895	4896-4903	4904-4911	4912-4919	4920-4927	4928-4935	4936-4943	4944-4951	4952-4959	4960-4967	4968-4975	4976-4983	4984-4991	4992-4999	5000-5007	5008-5015	5016-5023	5024-5031	5032-5039	5040-5047	5048-5055	5056-5063	5064-5071	5072-5079	5080-5087	5088-5095	5096-5103	5104-5111	5112-5119	5120-5127	5128-5135	5136-5143	5144-5151	5152-5159	5160-5167	5168-5175	5176-5183	5184-5191	5192-5199	5200-5207	5208-5215	5216-5223	5224-5231	5232-5239	5240-5247	5248-5255	5256-5263	5264-5271	5272-5279	5280-5287	5288-5295	5296-5303	5304-5311	5312-5319	5320-5327	5328-5335	5336-5343	5344-5351	5352-5359	5360-5367	5368-5375	5376-5383	5384-5391	5392-5399	5400-5407	5408-5415	5416-5423	5424-5431	5432-5439	5440-5447	5448-5455	5456-5463	5464-5471	5472-5479	5480-5487	5488-5495	5496-5503	5504-5511	5512-5519	5520-5527	5528-5535	5536-5543	5544-5551	5552-5559	5560-5567	5568-5575	5576-5583	5584-5591	5592-5599	5600-5607	5608-5615	5616-5623	5624-5631	5632-5639	5640-5647	5648-5655	5656-5663	5664-5671	5672-5679	5680-5687	5688-5695	5696-5703	5704-5711	5712-5719	5720-5727	5728-5735	5736-5743	5744-5751	5752-5759	5760-5767	5768-5775	5776-5783	5784-5791	5792-5799	5800-5807	5808-5815	5816-5823	5824-5831	5832-5839	5840-5847	5848-5855	5856-5863	5864-5871	5872-5879	5880-5887	5888-5895	5896-5903	5904-5911	5912-5919	5920-5927	5928-5935	5936-5943	5944-5951	5952-5959	5960-5967	5968-5975	5976-5983	5984-5991	5992-5999	6000-6007	6008-6015	6016-6023	6024-6031	6032-6039	6040-6047	6048-6055	6056-6063	6064-6071	6072-6079	6080-6087	6088-6095	6096-6103	6104-6111	6112-6119	6120-6127	6128-6135	6136-6143	6144-6151	6152-6159	6160-6167	6168-6175	6176-6183	6184-6191	6192-6199	6200-6207	6208-6215	6216-6223	6224-6231	6232-6239	6240-6247	6248-6255	6256-6263	6264-6271	6272-6279	6280-6287	6288-6295	6296-6303	6304-6311	6312-6319	6320-6327	6328-6335	6336-6343	6344-6351	6352-6359	6360-6367	6368-6375	6376-6383	6384-6391	6392-6399	6400-6407	6408-6415	6416-6423	6424-6431	6432-6439	6440-6447	6448-6455	6456-6463	6464-6471	6472-6479	6480-6487	6488-6495	6496-6503	6504-6511	6512-6519	6520-6527	6528-6535	6536-6543	6544-6551	6552-6559	6560-6567	6568-6575	6576-6583	6584-6591	6592-6599	6600-6607	6608-6615	6616-6623	6624-6631	6632-6639	6640-6647	6648-6655	6656-6663	6664-6671	6672-6679	6680-6687	6688-6695	6696-6703	6704-6711	6712-6719	6720-6727	6728-6735	6736-6743	6744-6751	6752-6759	6760-6767	6768-6775	6776-6783	6784-6791	6792-6799	6800-6807	6808-6815	6816-6823	6824-6831	6832-6839	6840-6847	6848-6855	6856-6863	6864-6871	6872-6879	6880-6887	6888-6895	6896-6903	6904-6911	6912-6919	6920-6927	6928-6935	6936-6943	6944-6951	6952-6959	6960-6967	6968-6975	6976-6983	6984-6991	6992-6999	7000-7007	7008-7015	7016-7023	7024-7031	7032-7039	7040-7047	7048-7055	7056-70
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UNCLASSIFIED

TRAVIS AIR FORCE BASE CALIFORNIA REVISED UNIFORM
SUMMARY OF SURFACE WEATH. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 19 DEC 83
USAFETAC/DS-83/052 SBI-AD-E850 505 F/G 4/2

N1



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74516 STATION NAME TRAVIS AFB CA YEARS 74-83 1984
CLASS ALL WEATHER HOURS (LST) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1									.1	0.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		.4	.1									.5	5.4
SSW	.3	.3	.9	.2								1.7	7.1
SW	.3	3.7	12.5	27.7	7.7	1.0						1.3	12.8
WSW	.1	1.7	4.2	27.8	12.5	3.1						42.4	15.2
W	.1	.4	.6	1.1	.9	.3						3.4	13.6
WNW													
NW	.3											.2	2.5
NNW													
VARBL													
CALM												.5	
	1.4	6.6	1.5	49.8	21.1	4.4						170.0	13.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-16 STATION 74-16 TRAVIS AFB CA STATION NAME 74-83 YEARS 74-83 MONTHS 74-83 HOURS (L.S.T.) 74-83

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2									.3	6.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.2	.3										.5	3.6
SSW	.2	.6	.1	.1								1.1	5.6
SW	1.3	4.9	10.8	22.8	3.9	.9						44.1	11.8
WSW	.3	3.3	6.9	22.7	11.6	1.6						46.5	13.9
W	.4	.8	1.7	1.7	1.0	.3						5.2	12.1
WNW	.4											.4	2.5
NW	.2											.2	2.5
NNW													
VARBL													
CALM												1.7	
	2.8	10.0	18.9	47.3	16.5	2.8						100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION 74-83 YEARS 1974-1975
STATION NAME TRAVIS AFB CA
CLASS ALL-FASTER
HOURS (LST) 0600-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1	.4								1.0	0.6
NNE			.1									.1	0.2
NE													
ENE													
E	.1											.1	2.0
ESE													
SE		.1	.1									.2	5.5
SSE	.1											.1	3.0
S	.1	.2										.3	3.7
SSW	.1	.3	.5	.2								1.2	7.4
SW	1.0	3.3	9.4	13.0	2.5	.9						30.0	11.4
WSW	1.0	4.2	12.8	27.0	8.7	1.7						55.9	12.7
W	.5	.6	1.9	3.0	1.0							7.3	10.8
WNW	.5			.1								.4	5.0
NW	.7											.3	2.7
NNW	.1	.1										.2	4.0
VARBL													
CALM												2.3	
	4.4	9.9	24.9	43.8	12.2	2.6						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA 74-R3 YEARS 101
CLASS ALL WEATHER 1900-1900
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	1.0	.8								4.1	6.8
NNE	.8	.4	1.1	.8	.1							3.1	8.1
NE	.4	.2	.2	.1								1.4	5.4
ENE													
E													
ESE	.1	.1										.2	3.5
SE			.1									.1	9.2
SSE		.1										.1	8.2
S	.2	.2										.5	3.4
SSW	.1	.1	.5	.3								1.2	7.5
SW	1.4	3.4	9.5	9.8	1.9	.4						26.5	10.6
WSW	1.2	4.1	10.0	26.7	5.9	1.4						48.6	12.5
W	.2	2.2	1.4	3.9	.9	.1						9.2	16.5
WNW	.2	.2										.4	2.4
NW	.5	.3										.2	3.1
NNW	.5	.3										.2	2.9
VARBL													
CALM												2.6	
	7.7	13.7	23.2	41.6	8.8	1.9						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-16 STATION 74-83 YEARS 1974
STATION NAME TRAVIS AFB CA
CLASS ALL WEATHER
NUMBER 1230-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.8	.4								3.2	5.6
NNE	.3	1.1	.9	.6								2.2	7.5
NE	.1	.3		.1								.5	5.6
ENE	.1	.2										.5	4.3
E	.1											.1	1.0
ESE													
SE	.1											.1	2.0
SSE													
S	.2	.3		.1								.6	5.2
SSW	.6	.9	.2	.4								2.2	5.9
SW	1.3	4.0	8.1	11.2	2.6							27.1	12.8
WSW	1.9	3.4	13.2	23.0	5.7	1.3						48.6	12.1
W	1.4	1.6	2.4	2.6	.5	.1						8.6	9.2
WNW	.3	.3	.2									1.3	4.1
NW	.1	.5										1.1	3.1
NNW	.4	.3										.8	3.1
VARBL													
CALM												2.0	
	9.1	14.0	25.7	38.5	8.8	1.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION 74-83 YEARS 1-1
STATION NAME TRAVIS AFB CA 1500-1700
CLASS ALL WEATHER HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.2	.3	.1								1.3	6.2
NNE	.4	.2	.3	.3								1.3	6.4
NE	.1	.2	.2									.5	5.8
ENE		.2										.2	4.0
E	.1											.1	3.0
ESE													
SE	.1											.1	3.0
SSE													
S	.7											.7	2.3
SSW	.1	.3		.1								.5	6.2
SW	.1	2.7	7.0	13.7	3.7	.1						26.6	12.2
WSW	.3	1.5	9.5	33.2	11.7	2.2						58.4	14.1
W	.2	1.0	1.7	5.5	1.1	.3						6.8	12.5
WNW		.7	.1	.1								.4	8.0
NW	.2		.1									.3	4.3
NNW		.2										.2	6.0
VARBL													
CALM												.2	
	2.4	6.1	19.2	53.0	16.5	2.6						100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-160 STATION TRAVIS AFB CA 74-83 YEARS JUNE
STATION NAME CLASS 1600-2000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.5	3.6
NNE			.1									.1	6.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW	.1	.2	.4	.3								1.1	6.0
SW	.1	1.2	9.9	21.6	6.6	.3						38.7	13.1
WSW		1.9	12.2	25.7	11.5	2.9						52.3	14.2
W	.1		1.5	4.2	.3	.2						6.3	12.5
WNW	.1		.1	.1								.3	7.3
NW	.2											.2	2.5
NNW	.1	.1										.2	3.5
VARBL													
CALM												.2	
	1.1	3.5	21.4	51.9	18.4	3.4						100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7416 STATION NAME TRAVIS AFB CA YEARS 74-83 MONTH JUL
CLASS ALL WEATHER HOURS (L S T) 0100-2300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE	.1											.1	2.0
SE													
SSE	.1											.1	2.0
S		.1	.2									.3	6.4
SSW	.1	1.5	1.2	.6								3.4	7.8
SW	.6	3.4	12.8	37.4	8.5	.9	.1					56.6	12.7
WSW	.2	.3	4.6	17.4	9.6	2.3						34.9	14.9
W	.1	.2	1.1	1.1	1.4							3.9	13.4
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	1.2	6.2	19.9	49.5	19.5	3.0	.1					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 929

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 74516 STATION NAME TRAVIS AFB CA YEARS 74-83 MONTH ALL

CLASS ALL WEATHER

CONDITION _____

HOURLS (LST) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.3	.2								1.3	0.3
NNE	.2	.2	.3	.2	.7							.3	7.6
NE	.1	.1	.1	.0								.3	5.6
ENE	.2	.1										.1	4.2
E	.2											.2	2.0
ESE	.2	.3										.2	2.0
SE	.2	.3	.0									.1	5.0
SSE	.2	.0										.0	3.7
S	.1	.2	.2	.0								.4	4.5
SSW	.2	.6	.5	.3								1.2	7.1
SW	.5	3.2	9.6	18.8	4.7	.5	.7					37.6	12.1
WSW	.7	2.6	8.9	24.5	9.7	2.1						43.4	13.6
W	.5	.2	1.5	2.9	.9	.2						6.7	11.5
WNW	.2	.1	.1	.0								.5	4.8
NW	.2	.1	.7									.4	3.1
NNW	.1	.1										.3	3.4
VARBL													
CALM												1.3	
	3.3	3.8	21.3	46.9	15.2	2.8	.7					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-16 STATION TRAVIS AFB CA 74-83 YEARS MONTH AUG
STATION NAME CLASS ALL WEATHER HOURS (L & T) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE		.1										.1	4.2
SE													
SSE													
S	.2	.2	.1									.5	4.4
SSW	.1	1.0	.4	.5		.1						3.1	7.2
SW	.0	3.1	12.2	23.9	7.7	1.6						49.1	12.6
WSW	.3	2.3	6.6	17.5	12.7	3.4						42.8	14.7
W	.1	.1	.2	1.9	.8							3.1	13.9
WNW													
NNW													
VARBL													
CALM												1.2	
	1.4	7.7	19.5	43.9	21.2	5.2						100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74516 STATION TRAVIS AFB CA STATION NAME 74-83 YEARS 40
ALL WEATHER CLASS 0300-0500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1									.2	3.0
NNE													
NE													
ENE													
E	.1											.1	2.0
ESE													
SE			.1									.1	4.0
SSE													
S	.1											.1	3.0
SSW	.1	1.2	.9	.1								2.3	5.5
SW	1.1	5.9	10.3	10.6	5.8	.9						41.3	11.6
WSW	.1	3.5	9.1	21.9	9.7	2.6						47.4	13.5
W	1.0	.6	1.7	2.5	.2	.4						5.8	10.3
WNW	.1											.1	2.0
NW		.1										.1	4.5
NNW													
VARBL													
CALM												2.2	
	4.1	11.7	21.8	40.6	15.7	3.9						100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-16 STATION TRAVIS AFB CA YEARS 7-1973 NORTH
CLASS ALL WEATHER
HOURS (LST) 1000-0000
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	1.0	4.0	6.6	1.3	3.1	0.2						20.2	10.6
WSW	1.0	5.9	14.6	26.2	0.6	1.5						55.5	12.3
W	1.0	1.4	2.4	1.7	0.3	0.4						7.0	9.3
WNW													
NW													
NNW													
VARBL													
CALM												4.2	
	0.3	13.0	23.0	34.4	12.7	2.2						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 430

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 STATION NAME TRAVIS AFB CA YEARS 74-83 MONTH ALL
CLASS ALL WEATHER HOURS (L.Y.) 900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	2.4	2.6	.5	.9								2.4
NNE	1.1	.2	.4	.4	.2							1.4
NE	.4	.1										.2
ENE	.1											.1
E												
ESE	.1											.1
SE	.1	.1										.1
SSE	.1											.1
S	.1											.1
SSW	.4	.5	.2	.4								1.0
SW	1.1	1.2	6.2	9.6	1.9							21.0
WSW	1.1	3.1	10.5	24.7	8.2	.4						43.0
W	1.1	1.1	2.3	2.7	.4	.2						9.2
WNW	.1	.2										1.2
NW	.1	.4										1.1
NNW	.1	.6										1.2
VARBL												
CALM												.1
	11.0	12.4	20.4	32.1	10.0	.6						100.0

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7416 STATION NAME TRAVIS AFB CA YEARS 74-83 MONTH A
CLASS ALL WEATHER HOUSE (L.S.T.) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.0	.9	.7								5.5	4.8
NNE	5.2	1.6	.6	.6	.1							5.2	5.5
NE	.7	.3	.3									1.2	5.9
ENE		.1										.4	4.8
E	.1	.1										.2	2.7
ESE												.2	2.7
SE	.7	.7										.5	2.4
SSE	.4											.4	1.5
S	.4	.5										1.0	4.2
SSW	.1	1.4	.4	.1								2.2	5.4
SW	.1	3.4	6.6	13.7	1.8	.1						26.3	11.2
WSW	.1	3.2	8.2	22.4	6.9	.4						41.7	12.8
W	1.1	2.6	2.5	2.2	.1	.2						8.8	6.4
WNW	.1	.3										1.1	2.9
NW	.4	.7	.1									.4	3.6
NNW	.1	.8										1.5	3.1
VARBL													
CALM												2.7	
	11.7	17.1	19.6	37.2	8.9	.3						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 430

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 STATION NAME TRAVIS AFB CA YEARS 74-83 DATE 8/85
CLASS ALL WEATHER HOURS (LST) 1500-1700
CONDITION _____

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.3	.2	.2								1.4	5.9
NNE	.2	.2	.2	.1								.2	5.8
NNE	.2	.1	.2									.2	5.2
ENE	.2	.1										.1	3.3
E	.1	.1										.1	3.5
ESE													
SE	.1	.1										.2	3.2
SSE	.1	.1	.2									.4	5.2
S												.2	1.7
SSW	.2	.3	.2	.2								1.1	5.8
SW	.2	2.4	5.1	15.1	3.7	.2						26.4	12.7
WSW	.1	1.6	9.4	3.0	12.1	2.5						55.6	14.2
W	.2	1.6	2.9	5.3	.5	.1						16.2	10.6
WNW		.1										.1	4.5
NW	.1	.2										.3	1.3
NNW	.4	.2										.6	2.7
VARBL													
CALM												.3	
	2.2	7.2	18.3	51.0	16.3	2.8						100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA 74-23 YEARS 1950 MONTH 1950-2000
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2										.3	3.7
NNE	.1	.1										.2	4.2
NE	.1											.1	2.1
ENE													
E	.1											.1	2.1
ESE													
SE	.1											.1	2.1
SSE		.1	.1									.2	6.2
S		.1										.3	4.2
SSW	.1	.1	.5									.9	6.6
SW		1.7	2.7	23.4	6.4	.4						37.5	13.1
WSW	.1	2.4	9.4	26.9	13.1	2.5						54.9	14.2
W	.1	.3	1.7	2.6	.1	.2						5.1	11.2
WNW	.1	.1										.2	4.2
NW													
NNW													
VARBL													
CALM												.3	
	1.4	5.2	10.7	49.9	19.5	3.1						100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 926

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA 74-43 YEARS 40YR
CLASS ALL WEATHER
CONDITION
100-2500 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1										.3	2.7
NNE													
NE													
ENE													
E	.1											.1	2.0
ESE													
SE													
SSE													
S	.2	.1	.3									.6	5.0
SSW	.2	1.0	1.3	.2								2.8	7.3
SW	.4	3.0	13.8	25.6	7.2	1.3						52.1	12.7
WSW	.6	1.4	9.5	17.6	11.1	3.7						39.9	14.9
W	.1	.1	.1	2.0	.4	.2						3.0	13.9
WNW													
NW		.1										.1	4.0
NNW	.1											.1	2.0
VARBL													
CALM												.9	
		4.6	21.0	45.5	18.8	5.2						100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA STATION NAME 74-83 YEARS 466 NORTH
ALL WEATHER CLASS ALL HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.2	.2								1.2	3.0
NNE	.5	.3	.2	.2	.7							1.2	5.9
NE	.1	.1	.1									.3	4.7
ENE	.1	.1										.1	3.9
E	.1	.1										.1	2.3
ESE	.1	.1										.1	2.4
SE	.1	.1										.1	2.7
SSE	.1	.1	.0									.1	3.6
S	.2	.1	.1									.4	3.9
SSW	.3	.1	.5	.2		.0						2.0	6.4
SW	1.0	3.3	8.7	16.9	4.7	.6						35.2	12.1
WSW	.7	2.9	9.2	23.4	10.3	2.1						48.6	13.6
W	.7	1.1	1.7	2.6	.8	.2						6.6	10.2
WNW	.3	.1										.4	2.7
NW	.2	.1	.0									.3	3.6
NNW	.2	.2										.5	3.9
VARBL													
CALM												2.1	
	5.3	10.1	20.7	43.5	15.9	3.0						100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA 71-52 YEARS SEP
ALL WEATHER CLIM 1000-0200 HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	.9	.8	.2							2.4	9.4
NNE	.4	.1										.8	1.0
NE													
ENE													
E	.1											.1	2.3
ESE	.2											.2	2.5
SE	.1											.1	3.2
SSE	.1	.1										.2	2.5
S	.5	.3										.8	2.8
SSW	1.4	1.4	.3	.7	.2	.2						5.0	9.2
SW	2.3	4.7	11.1	13.6	3.1	.3						40.6	14.8
WSW	1.1	3.1	6.3	16.1	8.7	1.1						36.4	13.2
W	.5	1.7	.6	1.2								3.5	8.5
WNW	.7	.1	.1									.9	3.4
NW	.7	.2	.2									.7	4.8
NNW	.3	.1	.1	.2								.6	6.3
VARBL													
CALM												7.4	
	2.8	12.7	19.7	37.6	12.2	2.3						100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74016 STATION 74016 TRAVIS AFB CA 75-6 YEARS 567 MONTHS
ALL WEATHER CLASS 750-5500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.3	1.1	.7	.1							3.2	7.9
NNE	.2	.1	.1									.2	1.4
NE		.7										.2	4.2
ENE	.7											.2	1.5
E													
ESE		.1										.2	4.2
SE	.1											.2	2.2
SSE	.7	.1										.2	3.3
S		.9										1.2	3.5
SSW	1.2	1.6	.6	.7	.1	.4						4.3	8.3
SW	2.7	5.2	17.8	11.3	2.1	.1						32.2	1.9
WSW	1.7	3.7	6.6	18.7	6.2	.7						37.6	12.3
W	1.5	1.7	.7	1.2								4.4	7.0
WNW	.7	.5	.1									1.3	3.5
NW		.8	.1									.2	5.7
NNW	.1	.4	.1	.2								.2	8.6
VARBL													
CALM												12.6	
	12.4	14.3	22.1	32.8	5.6	1.2						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 9.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-16 STATION TRAVIS AFB CA STATION NAME 73-82 YEARS 817
ALL WEATHER CLASS 0410-1800 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.9	1.0	.1							4.0	6.6
NNE	.2	.5	.7	.2								2.2	2.8
NE	.1	.2										.1	4.3
ENE													
E	.1											.1	2.0
ESE													
SE	.2	.1	.1									.4	4.3
SSE	.2	.4	.1									.2	4.3
S	1.2	.3	.3									1.9	3.8
SSW	1.4	.7	.9	.7	.7							1.7	7.1
SW	4.0	3.0	6.9	6.1	1.6	.2						23.2	2.8
WSW	1.2	3.7	9.8	19.8	3.7	.2						40.1	11.2
W	.2	1.3	.0	1.0	.3							1.3	5.8
WNW	.5											.2	2.2
NW	.2	.2										.2	1.4
NNW	.7	.1	.4	.1								1.1	2.3
VARBL													
CALM												14.7	
	15.0	12.7	11.0	22.4	5.7	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7416 STATION NAME TRAVIS AFB CA YEARS 73-82 MONTH SEP
CLASS ALL WEATHER HOURS (LST) 0000-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.4	3.0	4.7	1.1	.1						12.2	6.8
NNE	1.1	2.4	2.5	.7	.1	.2						7.3	7.3
NE	.5	1.3	.2									1.9	4.5
ENE		.1										.1	4.0
E	.1											.1	2.0
ESE												.1	1.5
SE		.2	.1									.1	4.4
SSE			.1									.1	8.0
S		.4	.7	.1								2.0	5.7
SSW		.1	1.1	.1	.2							2.2	7.7
SW	1.1	2.0	5.8	5.2	1.8	.8						16.6	11.1
WSW	1.7	2.8	9.2	15.1	3.6	.2						35.8	11.8
W	.2	1.4	1.1	1.4	.7	.1						7.1	7.8
WNW	.1	.4										.7	3.5
NW	.0	.1										1.0	2.1
NNW	.0	.4										1.3	3.1
VARBL													
CALM												7.1	
	12.7	15.3	25.0	30.3	7.4	1.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION 124415 AFB CA STATION NAME 73-85 YEARS 5-6 MONTHS 1200-1400 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.2	2.3	3.7	.3							12.8	2.7
NNE	1.2	3.0	3.2	1.8	.1							12.2	2.2
NE	1.1	1.4	.3									2.9	4.3
ENE	.7	.1	.1									.4	4.3
E	.4											.4	2.3
ESE	.2	.2										.4	3.2
SE		.1	.1									.2	2.2
SSE	.1	.3	.2									.7	5.8
S	.3	.3	.7									1.4	5.7
SSW	1.1	.2	1.7	.2		.2						4.2	2.3
SW	1.1	2.2	5.2	7.7	2.1	.3						18.7	11.1
WSW	.1	3.7	7.6	16.6	2.4	.2						31.2	11.7
W	1.2	2.7	1.8	2.4	.6	.1						6.1	9.1
WNW	.7	.8										1.4	3.4
NW	.6	.4										1.2	3.1
NNW	.2	.4	.1									1.4	3.4
VARBL													
CALM												5.0	
	13.1	10.8	23.3	12.3	5.6	.9						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74516 STATION 74516 TRAVIS AFB CA STATION NAME 73-42 YEARS 54 NORTH
ALL WEATHER CLASS 1500-1700 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	1.4	1.7	.3							5.4	6.6
NNE	2.2	1.7	1.8	.6								5.2	5.4
NE	1.4	.7	.7									3.1	4.5
ENE		.3										.4	4.0
E	.3											.3	2.3
ESE	.7	.1	.1		.1							.7	6.3
SE	.1	.1	.1									.1	5.7
SSE	.1			.1								.2	7.0
S	.3	.2	.4									1.2	2.3
SSW	.7	1.7	.2	.9	.2	.3	.1					3.1	10.7
SW	1.7	2.2	5.3	9.6	1.2	.6						20.2	11.1
WSW	.9	1.7	10.7	23.6	7.6	.4						44.8	12.9
W	.7	1.1	1.7	2.8	1.7	.1						7.3	10.6
WNW	.4	.2	.2	.2								1.1	6.5
NW	.1		.1									.4	3.5
NNW	.1	.3	.2	.1								1.1	5.2
VARBL													
CALM												3.9	
	11.6	11.0	23.1	30.4	10.4	1.4	.1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14-16 STATION TRAVIS AFB CA 72-02 YEARS 540
STATION NAME CLASS 1300-2000
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.5	.7	.4								.1	1.1
NNE	.7	.2										.1	1.4
NE	.2	.1										.1	2.1
ENE		.1										.1	2.2
E	.1	.1										.1	3.5
ESE	.1	.1										.1	3.2
SE			.1									.1	7.4
SSE	.7		.1	.1								.1	2.2
S	.1	.2	.3									1.2	4.6
SSW	.1	.1	1.3	.8	1.5	.3	.1					4.2	12.8
SW	1.1	4.2	9.7	11.3	3.5	.2	.1					10.2	10.8
WSW	2.3	4.2	10.9	21.6	7.1	.5						47.2	12.3
W	1.0	2.2	1.1	1.2	.1							5.7	7.0
WNW	.1	.1	.2	.1								1.2	4.8
NW	.1	.2										.6	4.0
NNW	.1	.3	.3									.1	0.7
VARBL													
CALM												4.5	
	2.3	14.2	24.4	35.4	11.2	1.3	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 570

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14-16 STATION NAME TRAVIS AFB CA YEARS 77-8 MONTH SEP
CLASS ALL WEATHER HOURS (LST) 100-2300
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N				1.2	.2							.1	11.3
NNE			.1									.1	2.1
NE	.1	.1										.1	3.5
ENE													
E	.1	.1										.1	4.1
ESE													
SE		.1										.1	2.2
SSE	.1											.1	1.2
S	.1	.9										1.4	3.9
SSW	.1	.2	1.9	.3	.8	.7						2.4	3.1
SW	.1	5.6	11.6	17.6	4.1	.2						11.1	11.1
WSW	1.1	2.7	5.6	14.2	8.3	2.2						34.2	13.4
W	.7	.4	.4	.6		.1						2.2	7.7
WNW	.3	.2	.2									1.2	4.2
NW	.1	.1	.1	.1								.7	2.2
NNW	.1		.2									.2	2.7
VARBL													
CALM												7.3	
	.4	13.7	27.0	34.1	13.4	3.2						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 920

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14-16 STATION NAME TRAVIS AFB CA YEARS 7-8 MONTH SEP
 CLASS ALL WEATHER HOURS (L S T) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.4	1.8	.3	.2						6.2	6.3
NNE	.1	1.1	1.1	.4	.3	.2						3.1	6.5
NE	.1	.6	.2									1.2	6.3
ENE	.1	.1										.2	2.7
E	.2											.2	2.4
ESE	.2	.1	.1		.7							.3	2.9
SE	.1	.1	.1									.2	4.6
SSE	.1	.1	.1	.1								.2	4.8
S	.7	.4	.3	.1								1.4	4.5
SS		1.1	1.1	.5	.3	.4	.1					4.3	5.9
SW	.1	3.2	8.3	1.6	2.4	.3	.1					27.6	12.6
WSW	1.7	3.2	8.3	1.6	5.0	.7						36.4	12.3
W	1.1	1.2	1.2	1.6	.3	.1						5.4	6.5
WNW		.1	.1	.1								1.1	4.1
NW	.1	.2	.1	.1								.7	2.7
NNW	.1	.1	.2	.1								1.1	2.7
VARBL													
CALM												7.0	
	1.2	14.1	22.1	33.6	9.3	1.8	.1					10.2	2.5

TOTAL NUMBER OF OBSERVATIONS 700

U.S. NAVAL CLIMATOLOGY BRANCH
NAFETAC
U.S. WEATHER SERVICE/NAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 416 STATION NAME TRAVIS AFB CA YEARS 70-82 MONTH ALL
CLASS ALL WEATHER HOURS (L & T) 0000-0200
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.3	1.4	.2	.3						1.5	2.6
NNE	.2	.3	.4	.2	.2							1.1	7.4
NE	.3	.1	.2									.2	4.2
ENE	.1	.2										.2	4.5
E	.3	.2										.4	3.3
ESE	.3	.2	.7									.2	4.9
SE	.1	.1	.1	.2	.1							.2	11.2
SSE	.1	.1		.1								.2	4.7
S	1.4	1.7	.1	.8								3.2	5.3
SSW	.3	2.5	2.5	.6								7.6	5.8
SW	4.2	2.5	8.9	6.1	1.8	.4						11.0	8.2
WSW	.2	3.7	3.8	7.7	2.7	.2						20.4	12.3
W	2.4	1.1	.6	.6								2.2	5.1
WNW	.1	.2										1.1	2.6
NW	.4											.4	1.5
NNW	.1	.5	.2									1.4	4.6
VARBL													
CALM												1.1	
	1.1	21.2	19.0	14.0	5.1	1.7						17.3	6.5

TOTAL NUMBER OF OBSERVATIONS 230

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14015 STATION NAME TRAVIS AFB CA YEARS 73-82 8054
CLASS ALL WEATHER HOURS (LST) 0100-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.6	1.0	1.2	.2	.2						7.4	7.2
NNE	.6	1.1	.2	.2	.1							2.3	5.7
NE	.9	.7	.1									1.1	3.3
ENE	.1	.2	.2									.2	2.2
E		.7										.2	1.2
ESE	.5											.2	1.2
SE	.1	.2		.2								.5	1.6
SSE	.2	.4	.2	.2	.1							1.1	2.2
S	2.0	.9	.3									1.1	1.5
SSW	2.2	1.7	.9	.3								3.1	4.3
SW	3.2	6.6	5.7	5.1	1.4	.3						23.1	22.3
WSW	2.6	4.6	2.5	7.2	1.0	.1						12.2	9.7
W	1.2	1.3	.0	.3								4.4	5.2
WNW	1.3											1.3	2.1
NW	1.0	.2										1.2	2.2
NNW	1.2	.5	.1									1.0	1.5
VARBL													
CALM												27.3	
	1.3	20.1	12.0	14.5	4.3	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 432

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION TRAVIS AFB CA STATION NAME 72-01 YEARS 1961
CLASS ALL WEATHER HOURS (L & T) 500-5000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	.5	1.2	.5	.4						5.6	7.2
NNE	1.3	1.3	.3	.2								1.4	4.1
NE	1.1	.2	.3	.1								1.7	4.2
ENE	.1	.1										.1	2.3
E	.1											.1	2.2
ESE	.1	.2										.1	3.7
SE	.4	.6	.2									1.3	4.2
SSE	.5	.1	.3	.2	.1							1.7	4.2
S	.1	.6	.3	.1								1.2	4.2
SSW	1.7	1.1	.9									3.7	4.2
SW	3.2	4.3	4.5	4.3	.6	.1						10.2	8.3
WSW	7.2	4.2	4.7	5.9	1.6	.3						19.2	9.3
W	1.2	1.7	1.7	.3	.1							4.3	5.5
WNW	.1	.2	.1									1.4	2.9
NW	.1		.1									1.2	2.3
NNW	1.1	.5										1.2	3.1
VARBL												2.2	
CALM													
	2.5	13.1	12.9	12.4	3.1	.9						17.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-16 STATION TRAVIS AFB CA STATION NAME 71-00 YEARS 047
CLASS ALL WEATHER
HOURS 1100
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	4.3	4.6	2.5	1.2	1.0						14.0	6.0
NNE	1.3	6.7	3.8	1.9	2.7							15.0	6.4
NE	1.7	1.2	0.1	0.1								4.1	1.1
ENE	0.1	0.4										1.1	1.3
E	0.1	0.2	0.1									0.2	0.2
ESE	0.1	0.4	0.1									0.2	0.7
SE	0.1	0.2	0.4									1.1	0.6
SSE	0.1	0.3		0.1								0.2	0.5
S	0.1	1.1	0.4	0.3								2.4	0.1
SSW	0.4	1.2	0.3	0.5								2.3	0.1
SW	1.7	2.3	2.1	4.6	0.8							13.7	9.2
WSW	1.3	2.1	4.5	5.9	2.0							17.5	10.0
W	1.2	0.3	1.4	0.6	0.1							3.7	0.1
WNW	0.1	0.2	0.1									1.2	0.1
NW	0.1	0.4										1.2	1.2
NNW	1.0	0.1	0.6		0.1							1.1	0.5
VARBL													
CALM												11.0	
	1.4	2.4	2.5	1.0	4.5	1.0						10.0	7.0

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 STATION NAME TRAVIS AFB CA YEARS 73-74
CLASS ALL WEATHER HOURS 1400-1400
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.5	4.2	4.3	2.7	1.1	.4						13.4	7.4
NNE	4.4	2.3	3.7	2.7		.1						13.1	6.4
NE	1.2	2.3	1.7	.1								2.2	5.1
ENE	.1	1.1	.4									.3	4.2
E	1.0	.1										1.7	4.1
ESE	.1	.4		.1								1.1	4.2
SE	.4		.2									.2	4.2
SSE	.1	.2	.2	.2								1.2	4.1
S	.1	.5	.2	.3								1.7	4.6
SSW	.1	1.5	1.1	.4								3.2	4.6
SW	1.2	2.5	4.4	5.1	1.1							14.3	7.9
WSW	1.1	2.5	4.4	7.7	.5	.2						15.3	10.4
W	.1	1.7	1.8	.9	.2							2.2	7.6
WNW	1.1	.2	.2		.1							1.7	4.2
NW	.1	.4	.2									1.3	3.8
NNW	1.2	.2	.2	.1								2.4	4.4
VARBL													
CALM												7.1	
	21.7	24.4	21.3	10.6	3.1	1.7						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 470

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 TRAJIS AFB CA STATION NAME TRAJIS AFB CA YEARS 71-80 6-7
CLASS ALL WEATHER 1500-1700
CONDITION HOURLY (L & T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.1	2.2	2.7	1.8	.8	.1						7.4
NNE	1.0	3.5	2.0	.5								2.1
NE	.4	.5	.2									3.1
ENE	.5	.8										1.5
E	2.2	1.7										3.1
ESE	.5	.1	.1									2.7
SE	.2		.2	.2								7.4
SSE	.1	.2	.3									6.6
S	.5	1.2	.3	.2		.1						5.9
SSW	.5	1.1	.8	.3	.1							7.2
SW	1.5	4.7	6.2	2.2	.9							17.0
WSW	1.1	4.7	7.2	11.3	1.5	.5						26.5
W	1.2	1.5	3.4	2.5	.1							6.4
WNW	.4	.3	.2		.1							1.1
NW	.5		.2									1.1
NNW	.5	.4	.1									1.1
VARBL												1.1
CALM												12.4
	1.2	20.5	24.1	22.0	3.4	.9						100.0

TOTAL NUMBER OF OBSERVATIONS 970

GENERAL CLIMATOLOGY BRANCH
USAFETAC
314 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-16 STATION TRAVIS AFB CA 70-4 YEARS 1960-1969
ALL WEATHER CLASS 1500-0000 HOURS U.S.T.
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	1.2	1.2	.2							3.2	2.7
NNE	.1	.3	.1	.1								.9	0.4
NE	.1	.1										.4	.2
ENE	.1											.1	.1
E		.1										.1	.1
ESE	.1	.1	.1									.3	.2
SE	.1				.1							.2	.2
SSE	.1	.1	.1									.3	.2
S	1.1	.4	1.2	.2	.2							3.2	2.4
SSW	1.2	2.5	1.3	.2								5.2	3.3
SW	2.2	9.9	6.5	7.7	1.3	.1						29.3	2.4
WSW	2.3	.2	13.7	8.1	1.1	.4						30.7	2.9
W	2.1	2.6	2.7	1.2	.1							14.7	2.2
WNW	1.1	.3	.1									1.5	1.1
NW	.1	.2										.3	.1
NNW	.1	.4	.2									1.3	1.2
VARBL													
CALM												11.1	
	15.2	6.0	23.3	12.4	3.0	.5						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 926

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-16 STATION TRAVIS AFB CA 73-02 YEARS 007
CLASS ALL WEATHER 1105-2300
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N		.5	1.2	1.0	.9							4.0
NNE	.2	.3	.1	.1								2.1
NE	.1	.1										1.2
ENE												
E		.1										1.2
ESE												
SE			.2	.1								1.1
SSE	.1		.2									1.1
S	1.7	2.3	.5	.3	.1							4.2
SSW	2.2	2.4	2.2	1.7	.1							7.5
SW	3.2	8.5	11.7	9.6	2.5	.1						35.4
WSW	2.4	4.3	4.7	5.4	2.7	.2						19.2
W	1.1	1.7	.6	.5	.1							4.0
WNW		.4	.1									1.2
NW	.2	1.1										1.2
NNW	.1	.2	.3									1.1
VARBL												
CALM												15.5
	1.6	3.1	1.4	1.7	5.7	.3						10.0

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR FORCE
 CLIMATE BRANCH
 AFETAC
 AIR WEATHER SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-10 TRAVIS AFB CA STATION NAME 77-61 YEARS 207 MONTHS
 CLASS ALL WEATHERED
 HOURS (LST) ALL
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	2.1	1.9	.2	.3						3.0	8.4
NNE	1.0	2.0	1.3	.8	.1	.0						4.2	6.2
NE	1.0	.7	.4	.0								4.2	4.5
ENE	.1	.2	.1									.2	3.9
E	.1	.3	.1									.2	3.4
ESE	.1	.2	.1	.1								.2	3.9
SE	.1	.2	.2	.1	.2							.2	6.3
SSE	.1	.2	.2	.1	.2							1.0	5.5
S	1.1	1.1	.4	.3	.2	.2						3.0	5.4
SSW	1.0	1.0	1.3	.4	.2	.2						5.1	5.7
SW	2.7	6.4	6.6	5.6	1.7	.1						22.5	7.7
WSW	.3	4.4	5.2	7.2	1.7	.2						21.0	7.0
W	1.0	1.6	1.5	.9	.1							5.6	6.4
WNW	.1	.3	.1		.2							1.2	3.4
NW	.1	.3	.1		.2							1.2	3.1
NNW	.0	.2	.2	.0	.2							1.7	4.2
VARBL													
CALM												10.7	
	1.7	22.4	17.7	17.6	4.2	.2						10.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7435

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74116 STATION NAME TRAVIS AFB TX YEARS 73-5
CLASS ALL WEATHER HOURS 2400
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.3	2.1	.6	.7	.3					1.2	4.4
NNE	2.2	1.2	.7	.2								.3	4.4
NE	1.1	.3										1.4	2.6
ENE	1.1	.6										1.7	2.9
E	.3	.6										1.1	3.5
ESE	.2	.7	.1									1.0	4.2
SE	.2	.6	.3	.4	.2							2.1	4.2
SSE	1.1	.7	.2	.3	.1							2.4	5.3
S	.2	1.6	.7	.3								3.3	4.3
SSW	.2	2.1	.7	.6								2.2	5.1
SW	2.1	5.6	3.8	1.9								14.3	6.2
WSW	.2	2.7	2.2	1.6	.2							8.3	6.2
W	1.2	1.4	1.2									3.4	4.5
WNW	.3	.4	.1									1.2	3.5
NW	.2	.6	.2									1.2	3.7
NNW	1.1	.7	.1	.1								2.2	3.5
VARBL													
CALM												71.0	
	24.1	23.1	11.9	7.6	1.1	.7	.3					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 699

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14016 STATION NAME TRAVIS AFB TX YEARS 1951-1952
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	2.1	2.0	1.1	.3	.4	.1	.1				1.2	4.2
NNE	2.0	2.1	.7	.2								1.6	4.2
NE	1.7	.7	.1	.1								2.6	3.4
ENE	.7	.7	.1									1.6	3.1
E		.1										.2	2.4
ESE	.4	.7	.7	.1								1.2	3.4
SE	.4	.7	.6	.3	.7	.1						2.7	4.1
SSE	1.4	1.1	.7	.1	.1							3.4	3.2
S	1.4	2.7	.3	.3								4.4	4.6
SSW	1.7	2.7	.7	.2								4.3	4.9
SW	1.4	4.7	2.4	1.2	.1							10.2	4.4
WSW	1.2	3.1	1.3	1.2	.1							7.4	6.7
W	1.2	1.1	.7	.2								3.2	5.7
WNW	1.4	.6										1.2	2.6
NW	.4	.2	.1									.2	3.4
NNW	.4	1.3	.1	.1								3.2	3.6
VARBL													
CALM												72.3	
	23.4	23.4	11.2	7.3	.9	.5	.2	.1				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 220

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14-16 STATION TRAVIS AFB CA 73-8 YEARS ALL-WEATHER CLASS 100-2000 HOURS (LST) CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.2	4.1	1.2	1.2	.8	.2	.6					12.7
NNE	2.3	4.8	.9	.2	.1							14.2
NE	1.8	1.6	.1									14.2
ENE	.3	1.3	.1									14.2
E	.5	.3	.1									14.2
ESE	.2	1.2										14.2
SE	.3	1.2	.4	.7	.2							14.2
SSE	.4	1.2	.6	.7	.2							14.2
S	1.4	1.2	.9	.1								14.2
SSW	1.3	1.2	.2	.3	.1							14.2
SW	.2	3.4	2.3	.6	.1							14.2
WSW	1.7	2.2	2.1	.4								14.2
W	1.9	.9	.7	.3								14.2
WNW	.7	.3	.1									14.2
NW	.4	.1										14.2
NNW	1.4	.										14.2
VARBL												
CALM												74.7

TOTAL NUMBER OF OBSERVATIONS 226

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74-16 STATION 174755 AFB CA 75-80 YEARS 1975-1980
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.3	3.1	4.4	1.2	1.1	2.2	2.2				10.1	10.1
NNE	4.3	5.7	5.4	1.6	.1							10.1	10.1
NE	2.3	3.3	2.4	.4	.1							10.1	10.1
ENE	.1	.1	.7									10.1	10.1
E	.1	.3										10.1	10.1
ESE	.1	.3	.1	.1								10.1	10.1
SE	.1	.7	1.7	.9	.7							10.1	10.1
SSE	.1	.1	.2	.7	.1							10.1	10.1
S	.1	1.6	1.2	.4								10.1	10.1
SSW	1.1	1.7	1.2	.7	.1							10.1	10.1
SW	1.7	2.8	1.6	1.6								10.1	10.1
WSW	1.2	1.6	3.1	2.6	.1							10.1	10.1
W	.1	.7	.9	.7	.1							10.1	10.1
WNW	.1	.3										10.1	10.1
NW	.1		.1	.1								10.1	10.1
NNW	1.2	.1		.1								10.1	10.1
VARBL												10.1	10.1
CALM												10.1	10.1
	1.1	25.7	1.8	12.9	2.2	1.1	.1	.2				10.1	10.1

TOTAL NUMBER OF OBSERVATIONS 750

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4-10 STATION TRAVIS AFB TX STATION NAME 73-1 YEARS 8024
ALL WEATHER CLASS 11-1700 HOURS LST
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	2.0	2.0	1.1	1.1	1.1	1.1				1.1	11.9
NNE	2.0	2.0	3.0	1.0	1.1							1.1	1.1
NE	2.0	1.0	1.0									2.0	1.1
ENE		1.0										4.0	1.1
E	2.0	1.0	1.0									1.1	1.1
ESE	1.0	1.0		1.0								1.1	4.2
SE	1.1	1.1	1.0	1.0								1.1	1.1
SSE		1.0	1.0	1.0	1.0	1.0						1.1	1.1
S	1.0	1.0	1.0	1.0	1.0	1.0	1.0					1.1	1.1
SSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.1	1.1
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			1.1	1.1
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.1	1.1
W		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.1	1.1
WNW			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.1	1.1
NW		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.1	1.1
NNW		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.1	1.1
VARBL													
CALM												14.2	
	22.0	5.4	10.6	11.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14-16 STATION 14-16-16 STATION NAME YEARS 14-16-16
ALL WEATHER CLASS 14-16-16
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	1.4	2.1	.2	.2	.1	.2				4.0	10.0
NNE	.2	1.2	.4	.1	.1							2.7	3.2
NE	.2	.4		.1								.2	4.2
ENE	.2	.4										.2	3.3
E	1.7	.4	.2									1.3	1.2
ESE	.7	.1		.2								1.1	3.7
SE	1.0	.5	.1	.2	.1							2.3	4.5
SSE	1.0	.5	.7	.7								2.2	4.6
S	1.0	1.4	1.7	.7	.1							2.0	4.8
SSW	1.0	1.0	1.1	.1								4.7	4.7
SW	1.0	7.6	2.4	.2	.2	.2						13.2	6.1
WSW	1.7	4.2	3.7	1.7	.1							12.1	6.2
W	1.0	1.7	1.4	.3	.1							5.4	5.5
WNW	1.0	1.2	.1									2.7	3.2
NW	.2	1.0										1.0	1.2
NNW	1.0	.7	.3	.3								2.3	3.3
VARBL													
CALM												29.3	
	2.2	26.7	13.2	7.4	1.7	.4	.1	.2				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1416 TRAVIS AFB CA STATION NAME 73 YEARS 2017
CLASS ALL WEATHER 100-000
HOURS 100-000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	N	MEAN WIND SPEED
N	2.3	2.7	1.6	2.1	1.1	.1	.3					1.04	2.0
NNE	1.2	1.1	.4	.3								1.04	4.2
NE	.1	.3	.1									.2	1.4
ENE		.1										.4	2.5
E	1.1											1.2	2.1
ESE	.2	.4	.4									1.2	1.1
SE	.2	.7	.3	.6								1.2	7.2
SSE	.7	.7	.2	.4	.1							2.1	7.2
S	1.1	1.7	.8	.7								4.4	4.8
SSW	1.1	3.2	1.2	.1								7.0	2.2
SW	.2	.1	5.1	1.4	.1							1.2	5.7
WSW	2.4	3.2	3.1	1.1	.1	.1						10.1	5.6
W	.2	1.6	.9	.8								2.2	5.3
WNW	1.1	.6										2.4	2.6
NW	1.4	1.1										2.4	3.1
NNW	1.7	1.1	.6	.2								3.4	4.5
VARBL													
CALM												28.3	
	22.4	25.1	14.8	7.3	1.4	.2	.3					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
 CLIMATE DIVISION
 AFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-16 TRANS AFB CA STATION NAME 73-5 YEARS 60-61
 CLASS ALL SAFETY HOURS (L.S.Y.) 11
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	3.1	2.1	2.6	1.0	.5	.4	.1				12.5	3.8
NNE	2.4	3.5	2.3	.9	.1							9.1	4.0
NE	1.0	1.3	1.1	.2	.7							4.0	2.1
ENE	1.0	.5	.2	.5								2.0	1.4
E	1.2	.5	.2	.5								1.4	1.4
ESE	.5	.5	.2	.1								1.5	1.3
SE	.5	.8	.6	.6	.2	.2						3.0	2.5
SSE	.5	.8	.5	.5	.1	.2						2.6	2.9
S	1.0	1.6	.9	.5	.7							4.0	5.7
SSW	1.4	1.0	1.0	.4	.7	.5						4.9	5.2
SW	1.0	4.5	2.9	1.2	.1	.5						15.4	6.5
WSW	1.0	2.3	2.8	1.7	.2	.5						22.2	7.4
W	1.0	1.3	1.1	.5	.1	.5						4.3	6.2
WNW	.5	.4	.1	.5								1.2	3.1
NW	.5	.5	.1	.5								1.3	3.6
NNW	1.2	.7	.3	.1	.7							2.3	4.2
VARBL													
CALM												74.0	
	1.4	25.7	16.3	9.6	1.8	.7	.4	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-16 STATION NAME TRAVIS AFB CA YEARS 17-22 1967
CLASS ALL WEATHER HOURS (LST) 0000-2300
CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.2	4.4	1.3	3.0	1.1	.2	.4	.2				1.02	4.2
NNE	3.2	1.2	.9	1.1		.1						7.5	5.3
NE	1.1	1.2	.2									2.2	2.9
ENE	1.2	.7	.2									1.2	3.2
E	.2	.9	.3									2.2	4.0
ESE	1.1	1.1	.2									2.3	3.9
SE	1.5	1.1	.5	1.1	.2							4.5	7.1
SSE	.7	.9	.8	.2	.2	.1						2.2	6.7
S	1.2	1.2	.6	.1								3.2	4.6
SSW	.1	1.2	1.2	.6		.1						3.0	7.3
SW	.1	2.5	1.9	.3	.1	.1						5.7	6.5
WSW	1.4	.6	1.1	.5								3.7	6.2
W	1.7	.2	.1	.4								2.9	4.4
WNW	1.7	.1										1.2	2.5
NW	.1	.3										1.2	2.5
NNW	1.1	.6										1.7	3.7
VARBL													
CALM												26.3	
	23.3	14.8	9.2	7.4	2.5	1.3	.4	.2				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 480

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7436 STATION NAME TRAVIS AFB CA YEARS 73-02 MONTHS 0-6
CLASS ALL WEATHER HOURS (L E T) 000-0600
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.1	1.4	1.8	1.1	1.2	.1	.2				13.1	4.0
NNE	4.1	3.3	1.2	1.5	.3	.1						11.1	3.7
NE	1.1	1.4	.2		.1							1.2	4.2
ENE	1.1	1.2	.1	.1								1.2	3.7
E	1.1	1.5	.4									3.1	4.2
ESE	.1	.9	.3									1.1	4.4
SE	.1	.4	1.2	.8	.2	.3						4.1	3.2
SSE	1.2	.5	.5	.4	.2							2.3	3.7
S	1.2	.6	.5	.1								2.3	4.3
SSW	1.2	.6	.5	.3								2.3	4.9
SW	1.7	2.3	1.3	.6								5.1	5.7
WSW	.2	.8	.4	.1	.1							1.9	3.4
W	1.1	.9	.1	.3	.3							1.4	3.4
WNW		.1										.1	3.8
NW	1.2	.2										1.2	3.3
NNW	1.4	.1	.2									2.1	3.3
VARBL													
CALM												7.5	
		19.6	8.5	6.1	2.4	1.6	.1	.2				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 932

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14116 STATION NAME TRAVIS AFB CA YEARS 75-80
CLASS ALL WEATHER HOURS (LST) 3650-0000
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	4.4	1.6	1.6	1.2	1.0	.2					14.0	3.5
NNE	3.3	3.1	1.5	.6	.7							2.0	2.4
NE	7.1	.7	.5	.4								4.0	4.1
ENE	1.0	.2	.7									2.0	2.7
E	2.0	1.6	1.1									1.0	4.0
ESE	1.5	1.0	.5	.5								2.0	4.7
SE	1.3	.7	.3	1.2	.3							4.0	2.0
SSE		.2	.3	.6	.1	.7						2.0	10.3
S	.7	1.0	.3	.1								2.0	2.2
SSW	1.0	.5	.5	.1								2.0	2.2
SW	.5	1.0	1.4	.2								3.0	2.9
WSW	.5	1.4	.6	.5								3.0	2.5
W	1.0	.4	.4		.2	.1						2.0	2.1
WNW	.5	.1	.1									.2	2.9
NW		.4										.2	2.6
NNW	1.0	.5	.5	.1								2.0	4.4
VARBL													
CALM												3.5	
	27.3	13.9	10.8	5.1	2.2	1.4	.2					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 3650

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 24516 TRAVIS AFB CA STATION NAME TRAVIS YEARS 1950-1959
CLASS ALL STATES HOURS 1100-1100

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.5	1.6	1.5	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.0	1.02
NNE	1.5	7.2	4.6	1.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	12.4	0.2
NE	1.0	3.7	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.03
ENE	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.01
E	1.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.04
ESE	1.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.07
SE	1.1	1.2	0.9	0.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	4.4	2.09
SSE	1.1	1.5	1.1	0.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	2.1	3.02
S	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.04
SSW	0.0	0.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	5.02
SW	0.0	1.5	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2	7.01
WSW	1.0	0.2	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.05
W	2.1	0.5	0.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.07
WNW	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.09
NW	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.02
NNW	0.0	0.5	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	6.05
VARBL													
CALM												21.0	
	1.2	25.9	16.6	5.7	4.1	2.3	0.6	0.0	0.0	0.0	0.0	100.0	5.05

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

416 STATION TRAVIS AFB CA 73-3 YEARS 246 MONTHS
CLASS ALL WEATHERED 1300-1400 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	2.2	1.4	2.6	2.7	1.2	.5					14.4	1.0
NNE	3.4	1.9	5.9	2.6	.8	.7	.1					12.4	2.5
NE	1.7	7.3	2.7	1.0	.1							12.1	2.6
ENE	4.0	2.5	.4									1.4	3.7
E	2.0	1.0	1.0									2.4	1.2
ESE	1.7	.5	.7									2.7	3.2
SE	1.2	.5	.6	1.7	.0	.1						4.5	1.0
SSE	.5	.6	1.7	.5	.3	.2	.1					3.7	4.8
S	1.2	1.7	.1	.4	.1							3.1	5.6
SSW	.5	.4	1.1	.4								3.0	2.1
SW	.4	.7	.6	.5	.7							2.7	2.2
WSW	.4	.7	1.5	1.1	.1							2.7	2.9
W	.5	.9	.4	.1	.1							1.4	7.4
WNW	.4	.1	.2									.2	4.1
NW	.1			.1								.7	4.2
NNW	.2	.5	.5	.4								1.7	7.3
VARBL													
CALM												1.4	
	2.3	27.0	13.2	12.2	4.7	2.7	.8					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 430

JOINT CLIMATE LOG BRANCH
 AFM/TAC
 AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14115 TRAVIS AFB TX STATION NAME 77-47 YEARS 58-5
 CLASS ALL AT-100 100-1700
 HOURS U.S.T. 100-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	N	MEAN WIND SPEED
N	1.4	1.5	1.5	2.4	1.5	1.0	0.2					1.0	11.4
NNE	2.0	4.3	2.1	1.5		0.2						1.0	2.1
NE	2.0	4.2	0.8	0.4								1.0	2.1
ENE	4.0	2.5	0.1									1.0	2.1
E	4.0	4.0	0.5									1.0	2.1
ESE	2.0	1.5	0.3									1.0	2.1
SE	1.0	1.5	0.5	0.3	0.4	0.5	0.2	0.1				1.0	2.1
SSE	0.1	0.2	0.5	0.5	0.1							1.0	2.1
S	1.2	1.7	0.4	0.5	0.2							1.0	2.1
SSW	0.1	1.1	0.4	0.3	0.2							1.0	2.1
SW	1.0	1.0	1.4	0.6	0.2							1.0	2.1
WSW	0.3	1.0	1.0	1.0		0.2	0.1					1.0	2.1
W	0.1	0.1	1.2	0.1								1.0	2.1
WNW	0.1	0.1										1.0	2.1
NW	0.1	0.1										1.0	2.1
NNW	0.1	0.3	0.1									1.0	2.1
VARBL												1.0	2.1
CALM												1.0	2.1
	27.2	8.4	11.9	1.2	2.7	1.9	0.5	0.1				1.0	5.2

TOTAL NUMBER OF OBSERVATIONS

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 416 TRAVIS AFB CA STATION NAME 77-60 YEARS 5 MONTH 6
CLASS ALL WEATHER HOURS (LST) 1800-2100
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	1.0	2.0	1.3	.7	.0					8.4	1.0
NNE	2.2	2.2	1.3	.4	.1		.1					2.2	1.4
NE	1.1	.0	.2									1.4	1.7
ENE	1.1	.4	.1									1.0	1.2
E	1.0	2.0	.2									4.1	3.0
ESE	1.0	.0	.2									2.2	2.4
SE	1.0	.0	.1	1.0	.1	.0						3.7	7.6
SSE	1.0	.0	.2	.0	.1	.7		.1				2.8	2.7
S	1.0	1.7	.2	.0	.1							4.0	2.7
SSW	.0	1.0	.0	.2								1.1	5.1
SW	.0	2.7	1.0	.0								7.5	5.0
WSW	1.0	1.0	.0	.0	.1	.1						4.4	2.3
W	1.0	1.4	.1	.0	.1							2.3	4.2
WNW	.0	.2										2.3	2.2
NW	1.2	.0	.1									1.2	3.4
NNW	1.4	.4	.2		.1							2.2	4.3
VARBL													
CALM												7.0	
	15.0	19.6	7.5	4.5	2.0	1.0	.3	.1				1.0	3.7

TOTAL NUMBER OF OBSERVATIONS 729

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14116 STATION NAME TRAVIS AFB CA YEARS 71-72 DATA 0000
CLASS ALL WEATHER HOURS 11 5 1
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.2	1.3	2.4	1.1	.5	.7					11.4	4.4
NNE	3.0	2.5	1.2	.5			.1	.2				7.1	4.4
NE	.9	.6	.4									2.9	4.7
ENE	1.1											1.1	3.0
E	1.7	1.4	.2									3.3	2.8
ESE	.6	.1	.1									.2	3.3
SE	.1	.6	.2	1.3	.2							2.8	9.7
SSE	1.1	.5	.8	.4	.4							3.3	7.4
S	1.0	.9	.6	.5	.2							3.7	2.8
SSW	1.1		1.2	.2								3.1	2.8
SW	.3	2.6	1.0	.3								4.7	2.8
WSW	1.4	1.7	.4	.0								4.1	4.1
W	1.7	1.0	.3	.1	.1							2.2	4.2
WNW	1.4											1.4	1.2
NW	1.0	.1										1.4	2.2
NNW	1.1	.1	.4									.7	4.1
VARBL													
CALM												1.1	
	2.1	17.1	8.5	6.6	2.7	.5	.4	.2				100.0	

TOTAL NUMBER OF OBSERVATIONS 11

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-16 STATION IRAVIS CA STATION NAME 77-82 YEARS 1966
ALL WEATHER CLASS ALL HOURS 11 5 T
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.2	1.5	1.1	1.4	1.2	.3	.1				1.2	1.2
NNE	3.1	4.1	2.5	1.2	.3	.1	.2	.2				1.2	1.2
NE	1.2	2.5	.2	.2	.2							1.2	1.2
ENE	1.2	1.2	.2	.2								1.2	1.2
E	2.2	1.2	.6									4.2	3.2
ESE	1.3	.2	.3	.2								2.4	3.2
SE	1.2	.2	.6	1.2	.4	.2	.2	.2				4.2	3.2
SSE	1.2	.2	.7	.6	.2	.1	.2	.2				3.4	3.2
S	1.2	1.2	.5	.2	.1							3.4	3.2
SSW	.2	.2	.2	.3	.2	.2						2.4	3.2
SW	1.2	1.2	1.4	.5	.1	.2						5.1	3.2
WSW	.2	1.1	.2	.6	.2	.2	.2					3.2	3.2
W	1.2	.2	.4	.2	.1	.2						2.2	3.2
WNW	.2	.1	.2	.2								1.1	2.2
NW	.2	.3	.2	.2								1.1	3.1
NNW	.2	.2	.3	.1	.2							1.2	4.2
VARBL													
CALM												7.2	
	23.2	22.5	11.4	7.2	2.7	1.6	.4	.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7435

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

<u>4-16</u>	<u>TREAS AND CA</u>	<u>7-1968</u>	<u>WYOMING</u>
STATION	STATION NAME	YEARS	COUNTY
	<u>SIL WEATHER</u>		<u>ALL</u>
	CLASS		HOURS - L S Y T
	CONDITION		

[illegible]TOTAL NUMBER OF OBSERVATIONS 27026

CLIMATE CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 14 16 TRAVIS AFB CA YEARS 70-83 NORTH
INSPIREMENT
CLASS
CONDITION
CIG 100 TO 1450 FT W/ VSBY 1/2 MI OR MORE
AND/OR VSBY 1/2 TO 2-1/2 MI W/ CIG 100 FT OR MORE

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.2	1.8	.8								2.7	2.4
NNE	1.2	4.0	2.3	.5								11.2	2.2
NE	1.7	3.4	.3	.1								7.2	4.2
ENE	1.3	2.1	.6	.0								4.2	4.2
E	1.0	2.7	1.1	.5								2.7	4.1
ESE	1.0	1.4	.6	.3								4.3	4.7
SE	1.0	1.6	1.6	1.7	.5	.1	.1	.1				7.5	8.9
SSE	1.0	1.4	1.7	1.1	.3	.1	.1	.0				6.1	2.2
S	1.4	1.5	.8	.7	.1							4.2	2.5
SSW	.7	1.0	.7	.4	.1							2.0	2.6
SW		1.0	1.2	1.0	.5							4.5	2.8
WSW		.8	.9	1.8	1.2	.5	.1					1.6	1.2
W		.7	.2	.2	.3	.7						1.4	2.9
WNW		.4	.1									.2	2.7
NW		.1										.2	2.3
NNW		.4	.1									1.0	2.4
VARBL												23.0	
CALM													
	23.7	6.1	14.4	.2	2.2	1.2	.2	.1				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 5723

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L & Y)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

CEILING VERSUS VISIBILITY

24-539

1000

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4 16 TRAIL, A. J. CA

2-3

Figure 1 is a line graph showing the percentage of total protein in the supernatant versus the percentage of total protein in the pellet for various proteins. The y-axis is labeled 'Protein in supernatant (%)' and ranges from 0 to 100. The x-axis is labeled 'Protein in pellet (%)' and ranges from 0 to 100. A diagonal line from (0,100) to (100,0) represents the ideal separation. Data points for various proteins are plotted: BSA (near 0,100), IgG (near 0,100), PEG (near 0,100), Dextran (near 0,100), Ficoll (near 0,100), and others. Most proteins are concentrated in the supernatant, with some showing higher concentrations in the pellet.

TOTAL NUMBER OF OBSERVATIONS _____ 100

LOCAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

40160 PRAYERS APT CA
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

40-14-1

CEILING	1000	900	800	700	600	500	400	300	200	100	0
1000	22.8	31.3	33.7	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4
900	22.8	34.2	35.4	35.4	41.1	42.2	42.2	42.2	42.2	42.2	42.2
800	20.1	31.3	35.4	37.7	41.7	43.3	43.7	43.7	43.7	43.7	43.7
700	3.1	31.3	35.4	39.7	43.3	43.3	43.7	43.7	43.7	43.7	43.7
600	1.4	31.3	35.4	41.9	43.4	44.0	44.9	44.9	44.9	44.9	44.9
500	32.8	37.2	37.2	42.2	45.5	46.0	46.0	47.1	47.7	47.7	47.7
400	31.3	41.0	42.5	46.0	48.8	49.9	50.0	51.0	51.0	51.0	51.0
300	31.4	41.2	47.2	46.0	47.2	51.3	51.6	51.6	51.6	51.6	51.6
200	35.7	43.2	47.2	46.0	51.4	52.7	53.7	53.7	54.4	54.4	54.4
100	37.2	43.6	48.1	47.2	52.0	53.3	53.7	53.9	54.1	54.7	54.7
0	37.4	44.0	48.7	49.5	52.4	53.7	54.7	54.4	55.3	55.4	55.4
	7.0	44.7	47.0	51.0	53.6	55.2	55.7	56.1	56.2	57.1	57.1
	3.2	44.1	47.3	51.1	54.1	55.5	56.0	56.3	56.4	57.3	57.4
	4.0	44.2	51.5	55.1	58.5	60.1	60.0	61.2	61.5	62.4	62.5
	11.0	44.4	51.9	55.4	59.9	61.5	61.8	61.6	61.6	62.3	63.0
	14.2	54.1	59.1	59.7	63.7	65.3	66.3	66.7	67.0	67.0	68.1
	44.4	54.4	57.5	62.4	65.7	68.3	69.3	69.6	70.1	71.0	71.2
	46.2	55.9	59.4	64.6	67.7	71.3	72.5	72.9	73.2	74.1	74.3
	41.2	58.0	59.5	64.8	69.9	71.5	72.7	73.1	73.4	74.3	74.5
	40.7	57.1	61.5	66.3	71.8	71.7	74.2	75.4	75.4	76.7	76.7
	46.9	57.4	61.7	67.0	70.8	74.0	75.9	76.5	76.7	77.7	78.1
	46.2	58.2	61.8	68.0	74.2	76.6	78.0	78.6	79.2	80.5	80.5
	46.9	58.5	62.5	68.6	75.2	77.0	78.7	79.9	80.7	81.8	81.8
	46.1	58.3	63.1	69.1	77.9	78.5	80.3	81.4	82.7	83.2	83.2
	46.1	58.9	63.3	69.7	76.7	79.6	81.6	82.8	83.4	84.6	85.1
	46.2	59.1	63.5	70.4	77.5	80.2	82.2	84.5	85.3	86.5	86.9
	46.9	59.1	64.7	70.5	78.1	81.7	84.7	86.6	88.7	89.7	90.1
	46.2	59.0	64.1	70.6	78.5	82.3	85.3	88.4	90.4	92.6	93.4
	46.9	59.0	64.1	70.8	78.6	82.4	85.7	89.5	92.1	95.2	96.7
	46.2	59.1	64.1	70.8	78.6	82.4	85.7	89.5	92.1	95.5	97.6
	46.3	59.0	64.1	70.8	78.6	82.4	85.7	89.5	92.1	95.9	97.7
	40.9	59.1	64.1	70.8	78.6	82.4	85.7	89.5	92.1	95.9	97.7

TOTAL NUMBER OF OBSERVATIONS 222

CEILING VERSUS VISIBILITY

4-51

100

TOTAL NUMBER OF OBSERVATIONS 12

USAF ETAC 0-14.5 VOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY MATCH
METAC
FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

14-6 100-15 100-15

74-57

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	100	90	80	70	60	50	40	30	20	10	0
100	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
90	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
80	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
70	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
60	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
50	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
40	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
30	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
20	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
10	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
0	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
100	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
90	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
80	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
70	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
60	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
50	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
40	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
30	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
20	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
10	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
0	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
100	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
90	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
80	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
70	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
60	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
50	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
40	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
30	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
20	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
10	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7
0	40.1	41.7	43.2	45.4	46.7	47.7	48.4	48.5	48.5	48.7	48.7

TOTAL NUMBER OF OBSERVATIONS 77

USAF ETAC 100-15 100-15 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRET

AC

1000

TOTAL NUMBER OF OBSERVATIONS

6. *Staphylococcus aureus* (ATCC 29213) was grown in 100 ml of TSB medium in 250 ml Erlenmeyer flasks at 37°C and 180 rpm for 24 h.

U.S. AIR FORCE
 WEATHER SERVICE/AFSC

CEILING VERSUS VISIBILITY

14-16 TRAVIS AFB, TX

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	1.7	10.7	37.2	27.5	37.7	79.6	41.4	41.1	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
900	11.7	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
800	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
700	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
600	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
500	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
400	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
300	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
200	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
100	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
50	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
25	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
10	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
5	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
2	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0	12.3	37.2	37.2	27.5	41.7	42.7	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4

TOTAL NUMBER OF OBSERVATIONS 7475

CEILING VERSUS VISIBILITY

74-5:

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

TOTAL NUMBER OF OBSERVATIONS. 246

U. S. AIR FORCE
U. S. AIR FORCE
U. S. AIR FORCE

CEILING VERSUS VISIBILITY

4-10 7-10-54 AFH CA

74-37

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

11-10-54

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	2.3	47.4	5.6	11.4	58.2	0.1	13.2	34.3	54.7	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
900	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
800	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
700	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
600	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
500	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
400	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
300	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
200	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
100	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
50	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
25	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
10	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
5	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
2	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
1	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0	47.4	54.6	57.6	57.6	59.3	59.3	61.2	61.2	61.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2

TOTAL NUMBER OF OBSERVATIONS 96

USAF ETAC 0-14-5 (OL) AFH PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATOLOGY BRANCH
 AFCELTAC
 AIRCRAFT SERVICE/NAO

CEILING VERSUS VISIBILITY

14-16 TRAVIS AFB, CA
 STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	0
1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
900	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
700	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 44

U.S. AIR FORCE
CLIMATE DIVISION
ETAC
1000 WATSON DRIVE, WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

14-15 TRAVIS AFB, TX
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

10-1-1122

	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1000	37.8	41.3	44.0	45.0	46.0	47.3	47.6	47.9	48.1	48.7	48.0	48.1	48.0	48.1	48.0	48.1	48.0	48.1	48.0	48.1	48.0	48.1	48.0	48.1	48.0	48.1	48.0
900	42.1	46.7	49.1	50.2	52.4	53.1	53.4	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
800	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
700	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
600	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
500	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
400	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
300	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
200	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
100	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
0	40.2	47.5	50.7	51.3	53.4	54.1	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1

TOTAL NUMBER OF OBSERVATIONS 645

U.S. AIR FORCE
 USAF ETAC
 AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

14-15 TRAVIS AFB CA

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-1-1977

ELEVATION FEET	VISIBILITY STATISTICAL															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0-100	3.1	4.3	4.7	4.6	4.5	4.6	4.9	4.9	4.7	4.7	4.7	4.3	4.7	4.9	4.6	4.7
101-200	43.7	5.1	52.4	53.2	56.1	56.4	57.1	57.6	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
201-300	44.4	5.7	53.0	54.5	56.7	57.0	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
301-400	44.7	5.9	53.2	54.7	57.0	57.2	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
401-500	4.1	54.6	57.1	58.6	61.1	61.3	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
501-600	5.5	57.6	60.4	61.9	64.5	64.8	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
601-700	3.5	61.5	64.3	65.8	68.4	68.7	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
701-800	3.5	61.5	64.3	65.8	68.4	68.7	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
801-900	5.6	64.9	67.8	69.4	72.0	72.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
901-1000	5.1	66.7	69.6	71.2	73.8	74.0	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
1001-1100	5.1	66.7	69.6	71.2	73.8	74.0	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1101-1200	5.9	66.6	71.7	73.4	76.1	76.4	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
1201-1300	11.2	70.2	73.4	75.1	77.8	78.0	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
1301-1400	62.0	73.4	77.2	79.1	81.9	82.2	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1401-1500	4.7	73.4	77.2	81.1	84.3	84.5	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
1501-1600	67.3	73.5	82.7	85.0	88.4	88.7	89.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1601-1700	67.2	81.5	84.2	86.5	90.0	90.2	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
1701-1800	67.1	81.5	85.1	87.5	91.3	91.6	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
1801-1900	67.1	81.1	85.2	87.6	91.4	91.7	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1901-2000	67.5	81.7	85.2	88.5	92.6	93.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2001-2100	67.5	81.7	85.2	88.5	92.0	93.5	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2101-2200	67.5	81.8	85.0	88.6	92.4	94.0	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
2201-2300	67.5	81.9	86.1	89.1	94.0	94.6	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2301-2400	67.5	81.9	86.1	89.2	94.1	94.7	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2401-2500	67.5	81.9	86.1	89.2	94.1	94.7	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2501-2600	67.5	81.9	86.1	89.2	94.1	94.7	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2601-2700	67.5	81.9	86.1	89.5	94.3	95.3	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2701-2800	67.5	81.9	86.1	89.5	94.3	95.3	97.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
2801-2900	67.5	81.9	86.1	89.5	94.3	95.3	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2901-3000	67.5	81.9	86.1	89.5	94.3	95.3	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
3001-3100	67.5	81.9	86.1	89.5	94.3	95.3	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 845

HEADQUARTERS CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

4-15 TRAVIS AFB CA STATION NAME

74-81

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
10	43.1	47.3	49.2	51.4	53.6	55.9	58.2	60.5	62.7	65.0	67.3	69.5	71.8	74.1	76.4	78.7	81.0	83.3	85.6
15	44.1	48.4	50.6	52.8	55.0	57.3	59.5	61.8	64.0	66.3	68.5	70.8	73.1	75.4	77.7	80.0	82.3	84.6	86.9
20	45.1	49.4	51.6	53.8	56.0	58.3	60.5	62.8	65.0	67.3	69.5	71.8	74.1	76.4	78.7	81.0	83.3	85.6	87.9
25	46.1	50.4	52.6	54.8	57.0	59.3	61.5	63.8	66.0	68.3	70.5	72.8	75.1	77.4	79.7	82.0	84.3	86.6	88.9
30	47.1	51.4	53.6	55.8	58.0	60.3	62.5	64.8	67.0	69.3	71.5	73.8	76.1	78.4	80.7	83.0	85.3	87.6	89.9
35	48.1	52.4	54.6	56.8	59.0	61.3	63.5	65.8	68.0	70.3	72.5	74.8	77.1	79.4	81.7	84.0	86.3	88.6	90.9
40	49.1	53.4	55.6	57.8	60.0	62.3	64.5	66.8	69.0	71.3	73.5	75.8	78.1	80.4	82.7	85.0	87.3	89.6	91.9
45	50.1	54.4	56.6	58.8	61.0	63.3	65.5	67.8	70.0	72.3	74.5	76.8	79.1	81.4	83.7	86.0	88.3	90.6	92.9
50	51.1	55.4	57.6	59.8	62.0	64.3	66.5	68.8	71.0	73.3	75.5	77.8	80.1	82.4	84.7	87.0	89.3	91.6	93.9
55	52.1	56.4	58.6	60.8	63.0	65.3	67.5	69.8	72.0	74.3	76.5	78.8	81.1	83.4	85.7	88.0	90.3	92.6	94.9
60	53.1	57.4	59.6	61.8	64.0	66.3	68.5	70.8	73.0	75.3	77.5	79.8	82.1	84.4	86.7	89.0	91.3	93.6	95.9
65	54.1	58.4	60.6	62.8	65.0	67.3	69.5	71.8	74.0	76.3	78.5	80.8	83.1	85.4	87.7	90.0	92.3	94.6	96.9
70	55.1	59.4	61.6	63.8	66.0	68.3	70.5	72.8	75.0	77.3	79.5	81.8	84.1	86.4	88.7	91.0	93.3	95.6	97.9
75	56.1	60.4	62.6	64.8	67.0	69.3	71.5	73.8	76.0	78.3	80.5	82.8	85.1	87.4	89.7	92.0	94.3	96.6	98.9
80	57.1	61.4	63.6	65.8	68.0	70.3	72.5	74.8	77.0	79.3	81.5	83.8	86.1	88.4	90.7	93.0	95.3	97.6	99.9
85	58.1	62.4	64.6	66.8	69.0	71.3	73.5	75.8	78.0	80.3	82.5	84.8	87.1	89.4	91.7	94.0	96.3	98.6	100.0
90	59.1	63.4	65.6	67.8	70.0	72.3	74.5	76.8	79.0	81.3	83.5	85.8	88.1	90.4	92.7	95.0	97.3	99.6	100.0
95	60.1	64.4	66.6	68.8	71.0	73.3	75.5	77.8	80.0	82.3	84.5	86.8	89.1	91.4	93.7	96.0	98.3	100.0	100.0
100	61.1	65.4	67.6	69.8	72.0	74.3	76.5	78.8	81.0	83.3	85.5	87.8	90.1	92.4	94.7	97.0	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

CENTRAL CLIMATOLOGY BRANCH
DELTA C
WEATHER SERVICE / AC

CEILING VERSUS VISIBILITY

4-18 TRAVIS AFB CA

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

11-7-111

CEILING	100	90	80	70	60	50	40	30	20	10	0
100	41.4	51.7	57.2	64.7	65.9	66.1	66.1	66.7	66.3	66.7	66.7
90	3.7	5.7	6.1	52.4	27.9	14.1	64.2	54.4	64.4	64.4	64.7
80	4.4	5.5	61.7	63.1	64.0	65.7	65.1	65.4	65.6	65.6	65.7
70	4.4	5.5	61.7	63.1	64.0	65.7	65.1	65.4	65.6	65.6	65.7
60	56.7	61.5	64.4	66.2	64.4	62.6	62.3	62.3	62.1	62.1	62.4
50	21.9	64.5	66.7	68.7	71.9	71.0	71.2	71.5	71.1	71.2	71.4
40	22.2	64.7	71.2	73.2	75.4	75.5	75.5	76.2	76.4	76.5	76.7
30	22.2	64.7	71.2	73.2	75.4	75.5	75.5	76.2	76.4	76.5	76.7
20	6.2	71.5	74.9	77.7	60.1	6.4	62.9	61.1	61.7	61.7	61.7
10	15.5	73.3	75.7	75.2	61.0	61.3	61.2	62.5	62.2	62.2	62.1
0	16.7	74.2	76.6	74.4	61.9	62.3	62.7	67.5	67.1	63.2	63.7
100	67.5	73.4	77.5	81.2	63.3	63.7	64.2	64.4	64.5	64.5	64.5
90	5.3	76.4	75.7	81.0	64.3	64.6	65.1	65.3	65.4	65.5	65.7
80	12.2	77.2	81.5	84.4	67.4	7.7	68.2	68.4	68.5	68.7	68.7
70	7.8	81.0	82.7	85.9	68.7	69.1	69.8	69.1	69.3	69.4	69.4
60	72.5	83.4	85.1	88.3	91.0	91.5	92.2	92.4	92.7	92.8	92.8
50	73.4	83.3	86.1	89.5	92.2	92.8	93.5	93.7	94.0	94.1	94.2
40	74.0	84.4	87.1	91.5	93.7	94.3	95.2	95.4	95.5	95.7	95.8
30	74.1	84.3	87.4	90.8	94.0	94.6	95.4	95.6	95.9	96.0	96.1
20	74.5	85.3	88.7	92.1	95.3	95.9	96.7	97.0	97.3	97.4	97.5
10	74.3	85.5	89.0	92.3	95.5	96.2	97.7	97.5	97.8	97.9	98.0
0	74.6	85.6	89.1	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
100	74.3	85.5	89.1	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
90	74.8	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
80	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
70	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
60	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
50	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
40	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
30	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
20	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
10	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8
0	74.3	85.6	89.7	92.4	95.7	96.5	97.5	98.3	98.6	98.7	98.8

TOTAL NUMBER OF OBSERVATIONS 141

FEDERAL CLIMATOLOGY BRANCH
ETAC
AIR FATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

18-16 TRAVIS AFB CA 74-80

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
100	55.4	57.4	59.3	59.3	59.7	60.0	59.7	59.1	59.7	59.1	59.1	59.1	59.1	59.1	59.1
90	59.9	61.4	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
80	61.5	63.0	63.5	63.7	63.9	63.9	63.7	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0
70	63.6	64.2	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
60	65.5	64.0	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
50	66.1	66.1	66.5	66.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
40	67.7	71.6	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
30	68.9	71.9	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
20	71.2	70.7	74.6	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
10	72.4	74.9	75.9	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
0	73.2	75.6	77.6	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
100	74.2	77.1	79.1	79.2	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
90	76.5	79.2	81.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
80	78.2	80.4	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
70	79.1	81.2	83.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
60	80.1	82.4	84.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
50	81.1	83.4	85.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
40	82.1	84.4	86.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
30	83.1	85.4	87.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
20	84.1	86.4	88.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
10	85.1	87.4	89.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
0	86.1	88.4	90.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
100	87.1	89.4	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
90	88.1	90.4	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
80	89.1	91.4	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
70	90.1	92.4	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
60	91.1	93.4	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
50	92.1	94.4	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
40	93.1	95.4	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
30	94.1	96.4	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
20	95.1	97.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	96.1	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 971

4 10 TRAVIS AFB CA

74-22

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

TOTAL NUMBER OF OBSERVATIONS _____ 77

1. ALL CLIMATE LOGS TO BE
2. DATE OF OBSERVATION

CEILING VERSUS VISIBILITY

1. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
900	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
800	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
700	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
600	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
500	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
400	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
300	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
200	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
100	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
50	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
25	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
10	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
5	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
2	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
1	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
0	4.1	41.2	44.7	4.3	4.5	5.7	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7

TOTAL NUMBER OF OBSERVATIONS

USAF ETAT 12 1244-N 01 A PREVIOUS EDITIONS ARE OBSOLETE

3

TOTAL NUMBER OF OBSERVATIONS: _____

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

U.S. AIR FORCE
 CLIMATE DIVISION
 WAFETAC
 WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

14-15 TRAVIS AFB TX
 STATION NAME

74-57

DA

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

11-7-170

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 15 |
| 100 | 61.1 | 61.1 | 63.7 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| 200 | 61.1 | 63.1 | 63.7 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| 300 | 61.1 | 63.4 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| 400 | 62.5 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| 500 | 63.4 | 65.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| 600 | 65.8 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| 700 | 65.2 | 70.3 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 800 | 71.9 | 71.5 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 900 | 73.1 | 74.5 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| 1000 | 73.9 | 74.7 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 1100 | 75.7 | 75.3 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 1200 | 75.0 | 77.6 | 79.8 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| 1300 | 75.0 | 74.9 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| 1400 | 82.5 | 87.1 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 1500 | 85.9 | 91.8 | 93.3 | 93.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 1600 | 95.1 | 94.2 | 95.0 | 95.1 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| 1700 | 95.0 | 95.1 | 96.4 | 97.3 | 97.5 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 1800 | 95.0 | 95.2 | 97.1 | 97.5 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 1900 | 95.1 | 95.6 | 97.5 | 97.1 | 97.6 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 2000 | 97.1 | 95.6 | 97.5 | 97.1 | 97.6 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 2100 | 98.1 | 95.5 | 97.7 | 98.3 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 2200 | 98.1 | 95.3 | 97.7 | 98.3 | 98.8 | 99.7 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2300 | 98.1 | 95.6 | 97.7 | 98.3 | 98.8 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2400 | 97.1 | 95.8 | 97.7 | 98.3 | 98.8 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2500 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2600 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2700 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2800 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2900 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3000 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3100 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3200 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3300 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3400 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3500 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3600 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3700 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3800 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3900 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 4000 | 97.1 | 95.9 | 97.8 | 98.4 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 730

CEILING VERSUS VISIBILITY

٧٤ - ٥٥ :

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

TOTAL NUMBER OF OBSERVATIONS 93

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
21 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-187 TRAVIS AFB CA

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-1-1960

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | | | | | |
|----------|-----|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1000 | 1.1 | 63.3 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| 900 | 4.4 | 67.2 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| 800 | 5.1 | 67.8 | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 700 | 1.3 | 68.1 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| 600 | 5.2 | 68.6 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| 500 | 5.6 | 71.4 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| 400 | 7.2 | 75.0 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| 300 | 7.2 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 200 | 7.5 | 77.2 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 100 | 7.6 | 80.2 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 50 | 7.7 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 25 | 7.7 | 84.6 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 10 | 8.4 | 84.7 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 5 | 8.7 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 2 | 9.2 | 91.7 | 91.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 1 | 8.9 | 94.1 | 95.7 | 95.8 | 95.8 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 0.5 | 7.2 | 94.7 | 96.1 | 96.5 | 96.6 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 0.25 | 7.7 | 95.3 | 96.7 | 97.0 | 97.2 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 0.1 | 7.8 | 95.4 | 96.8 | 97.1 | 97.3 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 0.05 | 8.4 | 95.9 | 97.4 | 97.7 | 98.0 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 0.025 | 8.4 | 95.9 | 97.5 | 97.8 | 98.2 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.01 | 8.4 | 95.9 | 97.5 | 97.8 | 98.2 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.005 | 8.5 | 96.0 | 97.6 | 98.0 | 98.4 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 0.0025 | 8.5 | 96.0 | 97.7 | 98.1 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.001 | 8.6 | 96.1 | 97.8 | 98.2 | 98.6 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.0005 | 8.6 | 96.1 | 97.8 | 98.2 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0.00025 | 8.6 | 96.1 | 97.8 | 98.2 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0001 | 8.6 | 96.1 | 97.8 | 98.2 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.00005 | 8.6 | 96.1 | 97.8 | 98.2 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.000025 | 8.6 | 96.1 | 97.8 | 98.2 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.00001 | 8.6 | 96.1 | 97.8 | 98.2 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 VOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

410

74-37

43 -

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4-16

TRAVIS AFB CA

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CEILING
FEET | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2500 | 3000 |
| 100 | 77.3 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 200 | 77.1 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| 300 | 77.1 | 77.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 400 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 500 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 600 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 700 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 800 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 900 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 1000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 1200 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 1400 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 1600 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 1800 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 2000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 2500 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 3000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 4000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 5000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 6000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 7000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 8000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 9000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 10000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 12000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 14000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 16000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 18000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 20000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 25000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 30000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 40000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 50000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 60000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 70000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 80000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 90000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 100000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |

TOTAL NUMBER OF OBSERVATIONS 77.2

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

74-15
STATION

TRAVIS AFB CA

74-83

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

74-83-1000

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 100 | 65.7 | 66.2 | 66.9 | 67.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 200 | 73.4 | 73.8 | 73.8 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 300 | 71.2 | 74.4 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| 400 | 72.1 | 74.7 | 75.4 | 75.4 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 500 | 73.3 | 75.3 | 77.1 | 77.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 600 | 74.6 | 77.3 | 78.1 | 78.1 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 700 | 77.4 | 81.1 | 82.9 | 82.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 800 | 77.9 | 81.6 | 81.7 | 81.3 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| 900 | 79.7 | 82.3 | 83.2 | 83.2 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| 1000 | 81.3 | 83.0 | 83.9 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 1100 | 81.1 | 83.8 | 84.7 | 84.7 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| 1200 | 82.1 | 85.0 | 85.9 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| 1300 | 82.4 | 85.3 | 85.7 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| 1400 | 84.8 | 86.0 | 86.9 | 86.9 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| 1500 | 85.9 | 89.2 | 90.1 | 90.2 | 90.9 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 1600 | 87.3 | 91.4 | 92.3 | 92.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 1700 | 88.6 | 93.0 | 93.9 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 1800 | 89.6 | 94.1 | 95.1 | 95.1 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 1900 | 89.6 | 94.2 | 95.1 | 95.2 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 2000 | 91.3 | 95.3 | 96.2 | 96.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 2100 | 91.7 | 95.9 | 96.8 | 96.9 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 2200 | 91.8 | 96.1 | 97.1 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 2300 | 90.8 | 95.1 | 97.1 | 97.2 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 2400 | 90.2 | 96.2 | 97.7 | 97.4 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 2500 | 91.8 | 96.2 | 97.7 | 97.4 | 98.2 | 98.3 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 2600 | 91.8 | 96.2 | 97.4 | 97.7 | 98.4 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 2700 | 91.8 | 96.2 | 97.4 | 97.9 | 98.8 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 2800 | 91.8 | 96.2 | 97.4 | 97.9 | 98.8 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 2900 | 91.8 | 96.2 | 97.4 | 97.9 | 98.8 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3000 | 91.8 | 96.2 | 97.4 | 97.9 | 98.8 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS

CLIMATE CLIMATOLOGY BRANCH
 WAFB/C
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

74-10 TRAVIS AFB CA STATION NAME

74-87

55

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

74-110

| | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----|------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | 68.2 | 67.4 | 64.1 | 64.2 | 64.2 | 68.2 | 68.7 | 68.2 | 68.2 | 61.2 | 68.2 | 61.2 | 64.2 | 68.2 | 64.2 | 64.2 | 64.2 |
| 2 | 71.4 | 73.2 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 74.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| 3 | 72.7 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| 4 | 73.1 | 74.4 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 5 | 74.2 | 75.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| 6 | 75.1 | 75.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 7 | 76.3 | 75.1 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 8 | 76.6 | 75.3 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| 9 | 77.1 | 81.2 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 10 | 77.1 | 81.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 11 | 81.1 | 83.2 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| 12 | 81.3 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 13 | 84.1 | 86.4 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| 14 | 85.9 | 89.3 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 15 | 87.4 | 91.7 | 93.1 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 16 | 91.3 | 94.8 | 95.5 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 17 | 91.7 | 95.4 | 96.3 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 18 | 92.3 | 96.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 19 | 93.1 | 97.2 | 98.1 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 20 | 93.3 | 97.4 | 98.3 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 21 | 93.3 | 97.6 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 22 | 93.3 | 97.7 | 98.5 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 23 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 24 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 25 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 26 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 27 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 28 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 29 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 30 | 93.3 | 97.7 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

4010 TRAVIS AFB CA STATION NAME

74-97

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

10-1-1950

| | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 11.0 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| 900 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 800 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 700 | 72.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| 600 | 72.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| 500 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 400 | 75.1 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| 300 | 75.3 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 200 | 76.7 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 100 | 77.1 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 000 | 77.7 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| 1000 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 900 | 80.7 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 800 | 81.1 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 700 | 81.1 | 92.2 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 600 | 85.1 | 96.8 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 500 | 85.6 | 97.4 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 400 | 85.8 | 97.9 | 98.3 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 300 | 85.9 | 97.9 | 98.3 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 200 | 85.9 | 97.9 | 98.3 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 100 | 86.1 | 98.1 | 98.6 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 000 | 86.2 | 98.2 | 98.7 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1000 | 86.2 | 98.2 | 98.7 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 900 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 800 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 700 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 600 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 500 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 400 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 300 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 200 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 100 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 000 | 86.2 | 98.3 | 98.8 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

CENTRAL CLIMATOLOGY BRANCH
 METAC
 AIR PATROL SERVICE, AC

CEILING VERSUS VISIBILITY

4-10
 1950

TPA 222 AD 5A

74-5

607

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1947-1950

| CEILING | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 | 50.0 | 51.0 | 52.0 | 53.0 | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 | 99.0 | 100.0 |
|---------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 4.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 | 50.0 | 51.0 | 52.0 | 53.0 | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

— 6 —

•

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USA FFA # 6-145 Loc A PERIODIC REPORT FOR THE YEAR ENDING 07

U.S. AIR FORCE
 WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

Form No. 1-54 (Rev. 1-54)

Form No. 1-54 (Rev. 1-54)

Form No. 1-54 (Rev. 1-54)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

Form No. 1-54 (Rev. 1-54)

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 900 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 800 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 700 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 600 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 500 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 400 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 300 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 200 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 100 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 50 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 25 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 10 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 5 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 2 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 1 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE FORM NO. 1-54 (REV. 1-54)

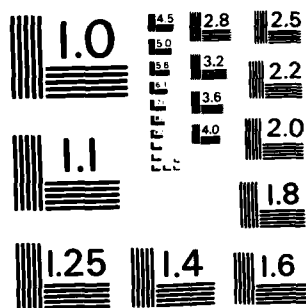
UNCLASSIFIED

USAFETAC/DS-83/052 SBI-AD-E850 505

F/G 4/2

NL

3/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
STATION

TRAVIS AFB CA

74-83
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2400
HOURS

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 98.2 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 20000 | 97.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 18000 | 97.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 16000 | 97.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 14000 | 91.4 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 12000 | 91.7 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 10000 | 92.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 9000 | 93.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 8000 | 94.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 7000 | 94.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 6000 | 94.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 5000 | 94.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| > 4500 | 95.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4000 | 95.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3500 | 96.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 3000 | 96.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2500 | 96.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2000 | 96.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 96.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1500 | 97.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 97.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 97.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 97.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 97.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 97.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 50 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20 | 97.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-167
STATION

TRAVIS AFB CA

74-83

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

730-0500

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 3.7 | 86.9 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥20000 | 67.2 | 9.4 | 97.4 | 90.8 | 93.9 | 90.9 | 93.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥18000 | 7.3 | 90.5 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥16000 | 7.3 | 90.5 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥14000 | 7.8 | 91.1 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥12000 | 8.5 | 91.7 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥10000 | 89.9 | 93.1 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥9000 | 89.9 | 93.1 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥8000 | 90.2 | 93.4 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥7000 | 91.3 | 93.5 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥6000 | 91.4 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥5000 | 91.3 | 94.2 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥4500 | 91.3 | 94.5 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥4000 | 92.3 | 95.5 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥3500 | 92.6 | 95.8 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥3000 | 93.3 | 96.2 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥2500 | 93.3 | 96.6 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥2000 | 93.7 | 96.9 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥1800 | 93.8 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥1600 | 94.3 | 97.5 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥1400 | 94.7 | 98.0 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥1200 | 94.8 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥900 | 95.2 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥800 | 95.4 | 98.6 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥700 | 95.4 | 98.6 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥600 | 95.6 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥500 | 95.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥400 | 95.7 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥300 | 95.9 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥200 | 95.9 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100 | 95.9 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥50 | 95.9 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74516
STATION

TRAVIS AFB CA
STATION NAME

74-82
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

632-2400
COUNT

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ .001 | ≥ 0 |
| NO CEILING | 77.5 | 82.3 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 25000 | 84.9 | 87.9 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 20000 | 85.1 | 88.2 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 18000 | 85.1 | 88.2 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 16000 | 85.5 | 88.5 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 14000 | 86.1 | 89.1 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 12000 | 87.4 | 90.4 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 10000 | 87.4 | 90.4 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 8000 | 88.1 | 91.4 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| 6000 | 88.4 | 91.5 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 5000 | 88.6 | 91.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 4500 | 88.9 | 92.0 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 4000 | 89.0 | 92.1 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 3500 | 90.0 | 93.2 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 3000 | 91.3 | 93.5 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 2500 | 91.2 | 94.4 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 2000 | 91.5 | 94.7 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 1800 | 92.2 | 95.5 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 1600 | 92.2 | 95.5 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 1400 | 93.4 | 96.7 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 1200 | 94.4 | 97.6 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 1000 | 94.9 | 98.3 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 900 | 95.3 | 98.7 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 800 | 95.5 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 700 | 95.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 600 | 95.6 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 95.6 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 95.6 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 95.6 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 95.6 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 95.6 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 95.6 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
STATION

TRAVIS AFB CA
STATION NAME

74-83
YEAR

NAV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1999
PERIOD

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO. CEILING | 2.3 | 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| ≥20000 | 7.8 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥18000 | 7.9 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥16000 | 8.5 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥14000 | 8.2 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥12000 | 8.8 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥10000 | 8.8 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥9000 | 9.9 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥8000 | 9.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥7000 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥6000 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥5000 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥4500 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥4000 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥3500 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥3000 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥2500 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥2000 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥1800 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥1600 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥1400 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥1200 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥1000 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥900 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥800 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥700 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥600 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥500 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥400 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥300 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥200 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥100 | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ | 9.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAF

CEILING VERSUS VISIBILITY

74516
STATION

TRAVIS AFB CA

STATION NAME

74-83

YEAR

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.01 | ≥0 |
| NO CEILING | 3.4 | 34.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 20000 | 7.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 18000 | 8.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 16000 | 8.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 14000 | 89.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 12000 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 10000 | 91.3 | 91.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 9000 | 91.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 8000 | 92.1 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 7000 | 92.6 | 93.9 | 94.1 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 6000 | 92.7 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 5000 | 93.2 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 4500 | 93.6 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 4000 | 94.0 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 3500 | 95.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3000 | 97.5 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2500 | 98.1 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2000 | 98.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 98.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1600 | 98.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1400 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 50 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALPACAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
STATION

TRAVIS AFB CA

74-63

NAV
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING
≥ 20000 | 84.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 18000 | 89.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 16000 | 89.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 14000 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 12000 | 91.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 10000 | 93.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 9000 | 93.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 8000 | 94.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 7000 | 95.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 6000 | 95.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 5000 | 96.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 4500 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4000 | 97.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 3500 | 97.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3000 | 98.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 2500 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.5100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
STATION

TRAVIS AFB CA

STATION NAME

74-83

YEAR

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2100

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 10000 | 6.7 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 9000 | 7.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 8000 | 63.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 7000 | 57.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 6000 | 94.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 5000 | 95.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 4000 | 95.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 3000 | 95.3 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 2000 | 97.3 | 97.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 1000 | 97.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 800 | 97.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 600 | 97.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 500 | 97.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 450 | 97.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 400 | 97.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 350 | 97.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 300 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 250 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 200 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 150 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 100 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 75 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 5 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1 | 98.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
STATION

TRAVIS AFB CA

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1,0-2,000

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 89.2 | 91.1 | 92.1 | 93.1 | 94.1 | 95.1 | 96.1 | 97.1 | 98.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 18000 | 93.5 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 16000 | 93.5 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 14000 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| 12000 | 94.9 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 10000 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 8000 | 96.2 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 6000 | 97.1 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 5000 | 97.5 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 4000 | 97.6 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 3000 | 97.6 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 2000 | 98.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 1500 | 98.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 1000 | 98.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 800 | 98.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 600 | 98.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 400 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 300 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 200 | 98.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 100 | 98.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 50 | 98.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 20 | 98.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 10 | 98.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5 | 98.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | 98.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1 | 98.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
STATION

TRAVIS AFB CA
STATION NAME

74-83
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

211
OBSERVATIONS

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 84.7 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥20000 | 89.4 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥18000 | 89.5 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥16000 | 89.5 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥14000 | 90.1 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥12000 | 90.9 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥10000 | 92.1 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥9000 | 92.1 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥8000 | 93.1 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥7000 | 93.4 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥6000 | 93.5 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥5000 | 93.8 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥4500 | 94.1 | 95.8 | 96.1 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥4000 | 94.9 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥3500 | 95.3 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥3000 | 96.1 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥2500 | 96.3 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥2000 | 96.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥1800 | 96.6 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥1600 | 96.9 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥1400 | 97.2 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥1200 | 97.3 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥1000 | 97.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥900 | 97.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥800 | 97.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥700 | 97.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥600 | 97.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥500 | 97.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥400 | 97.5 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥300 | 97.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥200 | 97.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100 | 97.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
STATION

TRAVIS AFB CA

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

74-1100

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 8.4 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 18000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 16000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 14000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 12000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 10000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 8000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 6000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 4000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 2000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 1000 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 500 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 200 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 100 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 50 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 25 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 12 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 6 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 3 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 1 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 0 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC SERVICE/440

CEILING VERSUS VISIBILITY

74-16 TRAVIS AFB CA

74-83

July

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| 800 | 94.3 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 600 | 94.3 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 400 | 95.2 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 200 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 100 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 50 | 98.0 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 30 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 15 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 10 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 5 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 2 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0.5 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 0.25 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0.1 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.05 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.025 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.01 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.005 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0025 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.001 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0005 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.00025 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0001 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.00005 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.000025 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.00001 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

74-16

TRAVIS AFB CA

74-23

15

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-0-1700

| CEILING
FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1/32 | ≥1/64 | ≥1/128 | ≥1/256 | ≥1/512 |
| ≥20000 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥18000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥16000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥14000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥12000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥10000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥8000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥6000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥4000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥3000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥2000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥1800 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥1600 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥1400 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥1200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥1000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥900 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥800 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥700 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥600 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥400 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥300 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥100 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥50 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥20 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥10 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 976

USAF ETAC 15-0-1700 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7416 TRAVIS AFS CA

74-87

90

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1972-1973

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 21000 | 7.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 20000 | 85.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 18000 | 6.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 17000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 16000 | 7.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 15000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 14000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 13000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 12000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 11000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 10000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 9000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 8000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 7000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 6000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 5000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 4000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 3000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 2000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 1000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 500 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 200 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 100 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 50 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 20 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 10 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AFM WEATHER SERVICE/MA

CEILING VERSUS VISIBILITY

74-16
 STATION

TRAVIS AFB CA

74-83

1-2-75

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1/32 | ≥1/64 | ≥1/128 | ≥1/256 | ≥1/512 |
| NO. OF
OBS. | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 20000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 18000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 16000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 14000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 12000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 10000 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 8000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 6000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 5000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 4500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 4000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 3500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 3000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1600 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1400 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 400 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 200 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 100 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 50 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 20 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 10 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-10
STATION

TRAVIS AFB CA

STATION NAME

74-67

DATE

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.01 | ≥0.001 |
| NO. CEILING | 88.9 | 89.4 | 87.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥20000 | 93.3 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥18000 | 93.5 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥16000 | 93.5 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥14000 | 94.7 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥12000 | 95.3 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥10000 | 96.3 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥9000 | 96.5 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥8000 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥7000 | 96.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥6000 | 97.1 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥5000 | 97.3 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥4500 | 97.4 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥4000 | 97.7 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥3500 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥3000 | 98.0 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥2500 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥2000 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥1800 | 98.2 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥1600 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥1400 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥1200 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥1000 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥900 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥800 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥700 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥600 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥500 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥400 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥300 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥200 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥50 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

14-16
STATION

TRAVIS AFB CA

STATION NAME

74-83

YEAR

441

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-000

| CEILING
(FEET) | | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| NO. HOURS | 1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 2000 | 2 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 1800 | 3 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 1600 | 4 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 1400 | 5 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 1200 | 6 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 1000 | 7 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 800 | 8 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 600 | 9 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 400 | 10 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 200 | 11 | 97.7 | 97.8 | 98.1 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 100 | 12 | 97.7 | 97.8 | 98.1 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 50 | 13 | 97.7 | 97.8 | 98.1 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 25 | 14 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 10 | 15 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 5 | 16 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 2 | 17 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 1 | 18 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 0 | 19 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 0 | 20 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0 | 21 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0 | 22 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0 | 23 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 24 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 25 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 26 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 27 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 28 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 29 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 30 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 210

SEAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-16
 STATION

TRAVIS AFB CA

74-87

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

707-0920

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 200 | 20 | 25 | 24 | 24 | 22 | 22 | 20 | 20 | 18 | 18 | 16 | 16 | 14 | 14 | 12 |
| 100 | 89.5 | 91.6 | 91.9 | 91.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 200 | 91.5 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 300 | 91.5 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 400 | 91.5 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 500 | 92.7 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 600 | 94.1 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 700 | 94.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 800 | 94.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 900 | 94.7 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1000 | 94.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1100 | 94.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1200 | 94.9 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 1300 | 94.9 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 1400 | 95.4 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 1500 | 95.4 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 1600 | 95.4 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 1700 | 95.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 1800 | 95.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 1900 | 95.8 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 2000 | 95.9 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 2100 | 95.9 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 2200 | 96.7 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 2300 | 97.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 2400 | 97.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 2500 | 97.8 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2600 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2700 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2800 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2900 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3100 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3200 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3300 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3400 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3600 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3700 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3800 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3900 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 98.3 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

4. 16

TRAVIS AFB CA

2-5-81

Jul

2000-2001

TOTAL NUMBER OF OBSERVATIONS _____ 47

CEILING VERSUS VISIBILITY

4 10

TABLE A7-CA

76-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF E: A 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 AFSS/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-26 TRAVIS AFB CA STATION NAME

74-07

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 1.3 | 92.2 | 97.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 900 | 4.4 | 74.3 | 94.2 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 800 | 4.6 | 73.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 700 | 4.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 600 | 65.5 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 500 | 66.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 400 | 7.3 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 300 | 7.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 200 | 7.5 | 97.9 | 98.1 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 100 | 7.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 50 | 7.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 0 | 7.8 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 1000 | 7.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 900 | 8.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 800 | 8.1 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 700 | 8.2 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 600 | 8.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 500 | 8.4 | 98.7 | 98.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 400 | 8.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 300 | 8.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 200 | 8.8 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 100 | 9.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 50 | 9.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0 | 9.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1000 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 900 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 800 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 700 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 600 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 500 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 400 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 300 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 200 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 100 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 9.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 7479

GLOBAL CLIMATOLOGY DATA CH
 1. REPORT
 2. WEATHER SERVICE / AC

CEILING VERSUS VISIBILITY

74-16

TRAVIS AFB CA

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| NO RECORD | 92.7 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 1-2000 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 2-1000 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 3-1000 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 4-1000 | 94.9 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 5-1000 | 96.6 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 6-1000 | 96.7 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 7-1000 | 97.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 8-1000 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 9-1000 | 97.9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 10-1000 | 97.9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 11-1000 | 97.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 12-1000 | 97.4 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 13-1000 | 97.4 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 14-1000 | 97.5 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 15-1000 | 97.7 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 16-1000 | 97.7 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 17-1000 | 97.7 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 18-1000 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 19-1000 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 20-1000 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 21-1000 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 22-1000 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23-1000 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 24-1000 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25-1000 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 26-1000 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27-1000 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28-1000 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29-1000 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30-1000 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY - HANCH
METAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04116

INAVIS AFR CA

74-37

A-1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-1-1999

| | | VISIBILITY STATE IN METERS | | | | | | | | | | | | | | | | | | | |
|------|------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 200 | 20 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0.5 | 0.2 | 0.1 |
| 1000 | FEET | 65.6 | 82.8 | 89.9 | 89.9 | 83.9 | 78.9 | 68.9 | 58.9 | 48.9 | 38.9 | 28.9 | 18.9 | 8.9 | 3.9 | 1.9 | 0.9 | 0.4 | 0.2 | 0.1 | 0.0 |
| 900 | FEET | 68.4 | 91.6 | 91.6 | 91.6 | 83.9 | 78.9 | 68.9 | 58.9 | 48.9 | 38.9 | 28.9 | 18.9 | 8.9 | 3.9 | 1.9 | 0.9 | 0.4 | 0.2 | 0.1 | 0.0 |
| 800 | FEET | 68.6 | 91.6 | 91.6 | 91.6 | 83.9 | 78.9 | 68.9 | 58.9 | 48.9 | 38.9 | 28.9 | 18.9 | 8.9 | 3.9 | 1.9 | 0.9 | 0.4 | 0.2 | 0.1 | 0.0 |
| 700 | FEET | 68.9 | 91.6 | 91.6 | 91.6 | 83.9 | 78.9 | 68.9 | 58.9 | 48.9 | 38.9 | 28.9 | 18.9 | 8.9 | 3.9 | 1.9 | 0.9 | 0.4 | 0.2 | 0.1 | 0.0 |
| 600 | FEET | 69.7 | 91.6 | 91.6 | 91.6 | 83.9 | 78.9 | 68.9 | 58.9 | 48.9 | 38.9 | 28.9 | 18.9 | 8.9 | 3.9 | 1.9 | 0.9 | 0.4 | 0.2 | 0.1 | 0.0 |
| 500 | FEET | 71.7 | 94.2 | 94.2 | 94.2 | 84.3 | 74.3 | 64.3 | 54.3 | 44.3 | 34.3 | 24.3 | 14.3 | 4.3 | 1.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 400 | FEET | 72.9 | 95.4 | 95.4 | 95.4 | 85.5 | 75.5 | 65.5 | 55.5 | 45.5 | 35.5 | 25.5 | 15.5 | 5.5 | 1.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 300 | FEET | 72.9 | 95.4 | 95.4 | 95.4 | 85.5 | 75.5 | 65.5 | 55.5 | 45.5 | 35.5 | 25.5 | 15.5 | 5.5 | 1.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 200 | FEET | 73.1 | 95.6 | 95.7 | 95.7 | 85.7 | 75.7 | 65.7 | 55.7 | 45.7 | 35.7 | 25.7 | 15.7 | 5.7 | 1.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 100 | FEET | 73.1 | 95.6 | 95.7 | 95.7 | 85.7 | 75.7 | 65.7 | 55.7 | 45.7 | 35.7 | 25.7 | 15.7 | 5.7 | 1.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 0 | FEET | 73.1 | 95.6 | 95.7 | 95.7 | 85.7 | 75.7 | 65.7 | 55.7 | 45.7 | 35.7 | 25.7 | 15.7 | 5.7 | 1.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 1000 | FEET | 73.2 | 95.7 | 95.8 | 95.8 | 85.8 | 75.8 | 65.8 | 55.8 | 45.8 | 35.8 | 25.8 | 15.8 | 5.8 | 1.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 900 | FEET | 73.2 | 95.7 | 95.8 | 95.8 | 85.8 | 75.8 | 65.8 | 55.8 | 45.8 | 35.8 | 25.8 | 15.8 | 5.8 | 1.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 800 | FEET | 73.4 | 95.9 | 96.0 | 96.0 | 86.0 | 76.0 | 66.0 | 56.0 | 46.0 | 36.0 | 26.0 | 16.0 | 6.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 700 | FEET | 73.4 | 95.9 | 96.0 | 96.0 | 86.0 | 76.0 | 66.0 | 56.0 | 46.0 | 36.0 | 26.0 | 16.0 | 6.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 600 | FEET | 73.4 | 95.9 | 96.0 | 96.0 | 86.0 | 76.0 | 66.0 | 56.0 | 46.0 | 36.0 | 26.0 | 16.0 | 6.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 500 | FEET | 73.5 | 96.0 | 96.1 | 96.1 | 86.1 | 76.1 | 66.1 | 56.1 | 46.1 | 36.1 | 26.1 | 16.1 | 6.1 | 2.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 400 | FEET | 74.2 | 96.7 | 96.6 | 96.6 | 86.6 | 76.6 | 66.6 | 56.6 | 46.6 | 36.6 | 26.6 | 16.6 | 6.6 | 2.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 300 | FEET | 74.4 | 97.0 | 97.1 | 97.1 | 87.1 | 77.1 | 67.1 | 57.1 | 47.1 | 37.1 | 27.1 | 17.1 | 6.7 | 2.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 200 | FEET | 75.3 | 97.8 | 98.1 | 98.1 | 88.1 | 78.1 | 68.1 | 58.1 | 48.1 | 38.1 | 28.1 | 18.1 | 6.8 | 2.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 100 | FEET | 75.7 | 98.3 | 98.4 | 98.4 | 88.4 | 78.4 | 68.4 | 58.4 | 48.4 | 38.4 | 28.4 | 18.4 | 6.9 | 2.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 0 | FEET | 75.9 | 98.5 | 98.6 | 98.6 | 88.6 | 78.6 | 68.6 | 58.6 | 48.6 | 38.6 | 28.6 | 18.6 | 6.9 | 2.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 1000 | FEET | 76.6 | 99.2 | 99.2 | 99.2 | 89.2 | 79.2 | 69.2 | 59.2 | 49.2 | 39.2 | 29.2 | 19.2 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 900 | FEET | 76.9 | 99.5 | 99.5 | 99.5 | 89.5 | 79.5 | 69.5 | 59.5 | 49.5 | 39.5 | 29.5 | 19.5 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 800 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 700 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 600 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 500 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 400 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 300 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 200 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 100 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 0 | FEET | 77.2 | 99.8 | 99.9 | 99.9 | 89.9 | 79.9 | 69.9 | 59.9 | 49.9 | 39.9 | 29.9 | 19.9 | 7.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 772

USAF ETA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

7-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000

[illegible]TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-93

100-442887

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC 0-14.5 IOL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CEILING VERSUS VISIBILITY

74-27

100-1472

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

'6-8'

44-1121

TOTAL NUMBER OF OBSERVATIONS 926

JOINT CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

4 16 TRAVIS AFB CA

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

100-1000

| CEILING | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| 0 | 8.3 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.0 | 10.0 |
| 10 | 3.3 | 3.1 | 3.0 | 2.9 | 2.8 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 |
| 20 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 30 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 40 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 50 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 60 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 |
| 70 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| 80 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |
| 90 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |
| 100 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 110 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 |
| 120 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 |
| 130 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| 140 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| 150 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 |
| 160 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 |
| 170 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 |
| 180 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 190 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 200 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 210 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 220 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 230 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 240 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 250 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 260 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 270 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 280 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 290 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 300 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 526

U.S. AIR FORCE
ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

74-15 AIR 04

74-67

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 7.0 | 8.7 | 89.3 | 92.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 900 | 1.4 | 2.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 800 | 1.4 | 2.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 700 | 1.4 | 2.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 600 | 2.5 | 2.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 500 | 4.3 | 2.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 400 | 5.5 | 2.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 300 | 5.7 | 2.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 200 | 6.1 | 2.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 100 | 6.1 | 2.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 50 | 6.3 | 2.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 25 | 6.4 | 2.7 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 10 | 6.4 | 2.7 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 5 | 6.9 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 2 | 6.9 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 1 | 7.1 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 0 | 7.3 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 1000 | 7.5 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 900 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 800 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 700 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 600 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 500 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 400 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 300 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 200 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 100 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 50 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 25 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 10 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 5 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 2 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 1 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 0 | 7.6 | 2.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |

TOTAL NUMBER OF OBSERVATIONS 7431

4 10 TRAVIS AFB TX

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATE CENTER
 AIR FORCE
 AIR FORCE SERVICE A/C

CEILING VERSUS VISIBILITY

STATION NAME
 INADVISABLE

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|-----|-----|------|------|------|-----|------|------|------|------|------|------|------|
| 1000 | 8.3 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 900 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 800 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 700 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 600 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 500 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 400 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 300 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 200 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 100 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 50 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 25 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 10 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 5 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 2 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 1 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 0 | 7.1 | 11.7 | 81.5 | 14.4 | 5.4 | 5.8 | 11.7 | 45.8 | 11.7 | 5.1 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OFFICIAL CLIMATELOGY - 4.00H
AFATAC
AIR WEATHER SERVICE - 4.00H

CEILING VERSUS VISIBILITY

STATION NAME
TRAVIS AFB, TX

73-87

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 100 | 1.1 | 3.1 | 5.4 | 6.9 | 8.9 | 10.9 | 12.9 | 14.9 | 16.9 | 18.9 | 20.9 | 22.9 | 24.9 | 26.9 | 28.9 | 30.9 | 32.9 | 34.9 | 36.9 | 38.9 | 40.9 |
| 90 | 6.8 | 9.4 | 11.9 | 14.9 | 17.9 | 20.9 | 23.9 | 26.9 | 29.9 | 32.9 | 35.9 | 38.9 | 41.9 | 44.9 | 47.9 | 50.9 | 53.9 | 56.9 | 59.9 | 62.9 | 65.9 |
| 80 | 12.5 | 16.1 | 19.7 | 23.3 | 26.9 | 30.5 | 34.1 | 37.7 | 41.3 | 44.9 | 48.5 | 52.1 | 55.7 | 59.3 | 62.9 | 66.5 | 70.1 | 73.7 | 77.3 | 80.9 | 84.5 |
| 70 | 18.2 | 23.3 | 28.4 | 33.5 | 38.6 | 43.7 | 48.8 | 53.9 | 59.0 | 64.1 | 69.2 | 74.3 | 79.4 | 84.5 | 89.6 | 94.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 60 | 23.9 | 30.5 | 37.1 | 43.7 | 50.3 | 56.9 | 63.5 | 70.1 | 76.7 | 83.3 | 89.9 | 96.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 50 | 29.6 | 37.1 | 44.6 | 52.1 | 59.6 | 67.1 | 74.6 | 82.1 | 89.6 | 97.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 40 | 35.3 | 43.7 | 52.1 | 60.5 | 68.9 | 77.3 | 85.7 | 94.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 30 | 41.0 | 50.3 | 59.6 | 68.9 | 78.2 | 87.5 | 96.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 | 46.7 | 56.9 | 67.1 | 77.3 | 87.5 | 97.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10 | 52.4 | 63.5 | 74.6 | 85.7 | 96.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 58.1 | 69.2 | 80.3 | 91.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10 | 63.8 | 74.9 | 86.0 | 97.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 | 69.5 | 80.6 | 91.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 30 | 75.2 | 86.3 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 40 | 80.9 | 92.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 50 | 86.6 | 97.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 60 | 92.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 70 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 80 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 90 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY BRANCH
MILITARY
WEATHER SERVICE, AF

CEILING VERSUS VISIBILITY

STATION NAME TRAVIS AFB TX

71-62

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1961-1962

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 7.3 | 1.7 | 83.1 | 32.1 | 31.1 | 8.2 | 33.2 | 34.2 | 35.2 | 36.2 | 37.2 | 38.2 | 39.2 | 40.2 | 41.2 | 42.2 | 43.2 |
| 900 | 1.4 | 34.4 | 93.7 | 32.7 | 34.7 | 36.7 | 37.7 | 38.7 | 39.7 | 40.7 | 41.7 | 42.7 | 43.7 | 44.7 | 45.7 | 46.7 | 47.7 |
| 800 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 700 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 600 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 500 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 400 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 300 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 200 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 100 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 50 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 20 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 10 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 5 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 2 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 1 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |
| 0 | 1.7 | 31.7 | 92.9 | 31.9 | 33.9 | 35.9 | 36.9 | 37.9 | 38.9 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.9 |

TOTAL NUMBER OF OBSERVATIONS 7162

USAF ETAC 0-14-5 TOL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 1555TAC
 WEATHER SERVICE / AC

CEILING VERSUS VISIBILITY

4-10 THAVIS AFB CA

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1-1000

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | |
|----|----|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | 1 | 91.0 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 2 | 2 | 91.2 | 91.7 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 3 | 3 | 91.1 | 91.9 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 4 | 4 | 91.1 | 92.0 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 5 | 5 | 91.2 | 92.1 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 6 | 6 | 92.7 | 93.4 | 93.6 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 7 | 7 | 93.9 | 94.7 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 8 | 8 | 95.1 | 95.7 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 9 | 9 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 10 | 10 | 96.8 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 11 | 11 | 96.4 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 12 | 12 | 95.4 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 13 | 13 | 96.2 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 14 | 14 | 96.2 | 97.4 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 15 | 15 | 97.3 | 98.2 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 16 | 16 | 97.1 | 98.3 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 17 | 17 | 97.6 | 98.6 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 18 | 18 | 97.6 | 98.6 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 19 | 19 | 97.7 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 20 | 20 | 97.7 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 21 | 21 | 97.7 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 22 | 22 | 97.7 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 23 | 23 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 24 | 24 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25 | 25 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 26 | 26 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27 | 27 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28 | 28 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29 | 29 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30 | 30 | 97.9 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS _____

LOCAL CLIMATE BRANCH
ETAC
METEOROLOGICAL SERVICE/ETAC

CEILING VERSUS VISIBILITY

14-16

TRAVIS AFB CA

73-80

6400

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | |
|------|-----|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 1000 | 5.7 | 8.3 | 8.8 | 9.1 | 7.5 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 |
| 900 | 7.3 | 8.8 | 9.2 | 9.4 | 9.6 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 |
| 800 | 7.5 | 8.9 | 9.4 | 9.7 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 |
| 700 | 7.5 | 8.9 | 9.4 | 9.7 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 |
| 600 | 7.9 | 9.3 | 9.9 | 9.1 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 |
| 500 | 8.1 | 9.5 | 9.9 | 9.3 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 |
| 400 | 8.5 | 9.9 | 9.5 | 9.6 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 |
| 300 | 8.5 | 9.9 | 9.5 | 9.6 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 |
| 200 | 9.1 | 9.4 | 9.5 | 9.3 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 |
| 100 | 9.3 | 9.9 | 9.5 | 9.6 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 |
| 50 | 9.2 | 9.9 | 9.6 | 9.9 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 |
| 40 | 9.3 | 9.9 | 9.6 | 9.9 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 |
| 30 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 20 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 10 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 5 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 1 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 0 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 1000 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 900 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 800 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 700 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 600 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 500 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 400 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 300 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 200 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 100 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 50 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 40 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 30 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 20 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 10 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 5 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 1 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 0 | 9.4 | 9.9 | 9.7 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |

TOTAL NUMBER OF OBSERVATIONS 7200

U. S. AIR FORCE CLIMATOLOGY BRANCH
 AFMFLTC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

24-16
 STATION

TRAVIS AFB, CA

73-57

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 20 | 26 | 32 | 38 | 44 | 50 | 56 | 62 | 68 | 74 | 80 | 86 | 92 | 98 | 100 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1-5 | 11.6 | 7.4 | 73.0 | 74.1 | 75.9 | 77.3 | 77.4 | 78.4 | 78.4 | 77.5 | 74.5 | 71.1 | 75.5 | 74.5 | 73.4 |
| 6-10 | 14.3 | 74.1 | 76.7 | 77.9 | 81.9 | 1.3 | 11.3 | 32.4 | 37.7 | 42.0 | 45.6 | 51.0 | 52.6 | 52.7 | 52.7 |
| 11-15 | 34.1 | 74.6 | 77.3 | 77.6 | 81.5 | 1.9 | 42.5 | 43.0 | 53.1 | 63.2 | 67.0 | 83.2 | 83.2 | 83.2 | 83.4 |
| 16-20 | 1.1 | 74.7 | 77.4 | 77.7 | 81.6 | 1.0 | 42.6 | 43.1 | 53.2 | 63.3 | 67.1 | 83.3 | 83.3 | 83.3 | 83.5 |
| 21-25 | 55.7 | 76.0 | 77.7 | 81.0 | 83.0 | 3.4 | 44.0 | 44.5 | 54.4 | 64.7 | 64.7 | 84.7 | 84.7 | 84.7 | 84.6 |
| 26-30 | 61.1 | 77.3 | 81.0 | 83.2 | 85.3 | 5.7 | 46.7 | 46.6 | 56.5 | 67.0 | 67.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 31-35 | 7.0 | 77.2 | 87.9 | 85.2 | 87.3 | 7.7 | 48.3 | 48.9 | 59.0 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 36-40 | 71.2 | 81.1 | 83.3 | 86.0 | 88.2 | 8.6 | 49.1 | 49.5 | 59.2 | 69.0 | 69.0 | 89.0 | 89.0 | 89.0 | 89.2 |
| 41-45 | 71.6 | 81.9 | 84.7 | 87.0 | 89.1 | 9.6 | 49.7 | 49.9 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.3 |
| 46-50 | 71.3 | 81.2 | 84.7 | 87.2 | 89.4 | 9.5 | 49.4 | 49.1 | 59.2 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.0 |
| 51-55 | 72.3 | 81.6 | 85.4 | 87.0 | 89.5 | 10.2 | 49.9 | 49.5 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.9 |
| 56-60 | 73.2 | 81.5 | 85.3 | 87.6 | 91.5 | 11.2 | 49.9 | 49.5 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.9 |
| 61-65 | 73.2 | 81.5 | 85.3 | 87.6 | 91.5 | 11.6 | 49.7 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.9 |
| 66-70 | 74.0 | 81.7 | 87.5 | 89.8 | 92.0 | 12.6 | 49.5 | 49.1 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 71-75 | 74.2 | 81.3 | 87.1 | 90.3 | 92.6 | 13.1 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 76-80 | 74.2 | 81.3 | 87.1 | 91.1 | 93.2 | 13.5 | 49.5 | 49.3 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.7 |
| 81-85 | 75.2 | 81.2 | 89.0 | 91.3 | 93.7 | 14.2 | 49.5 | 49.6 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.7 |
| 86-90 | 75.7 | 81.2 | 89.7 | 91.9 | 94.3 | 14.8 | 49.5 | 49.3 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.7 |
| 91-95 | 75.9 | 81.3 | 89.9 | 92.2 | 94.6 | 15.2 | 49.5 | 49.6 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.7 |
| 96-100 | 76.6 | 81.7 | 90.6 | 93.2 | 95.7 | 16.2 | 49.9 | 49.7 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.7 |
| 101-105 | 76.8 | 81.3 | 90.6 | 93.4 | 95.9 | 17.1 | 49.1 | 49.0 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 106-110 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 111-115 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 116-120 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 121-125 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 126-130 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 131-135 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 136-140 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 141-145 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 146-150 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 151-155 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 156-160 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 161-165 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 166-170 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 171-175 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 176-180 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 181-185 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 186-190 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 191-195 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |
| 196-200 | 77.1 | 81.3 | 91.2 | 93.9 | 96.3 | 16.9 | 49.5 | 49.4 | 59.1 | 69.1 | 69.1 | 89.1 | 89.1 | 89.1 | 89.4 |

TOTAL NUMBER OF OBSERVATIONS 67

GENERAL CLIMATE DATA - WASH DC
 1-1-50
 1-1-50

CEILING VERSUS VISIBILITY

4-16 1-1-50 1-1-50

7-5-50

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1-1-50

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 900 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 800 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 700 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 600 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 500 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 400 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 300 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 200 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 100 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 50 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 25 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 10 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 5 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR FORCE CLIMATE DIVISION
AFETAC
U.S. WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

74 12 TRAVIS AFB TX

73-07

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 900 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 800 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 700 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 600 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| 500 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 400 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 300 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 200 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 100 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 50 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 25 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 10 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 100

CEILING VERSUS VISIBILITY

9-2

| Country | 1950 | 1960 | 1970 | 1980 | 1990 | 2000 | 2010 | 2020 | 2030 | 2040 | 2050 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Japan | 7 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
| Germany | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| France | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| Italy | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Spain | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Sweden | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| United Kingdom | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| United States | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Canada | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Australia | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| South Africa | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| India | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| China | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Indonesia | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| Philippines | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
| Thailand | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
| Malaysia | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| Singapore | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| South Korea | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
| Taiwan | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |
| Hong Kong | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| Macau | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| China (excl. HK) | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| India (excl. HK) | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Indonesia (excl. HK) | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| Philippines (excl. HK) | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| Thailand (excl. HK) | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| Malaysia (excl. HK) | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| Singapore (excl. HK) | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| South Korea (excl. HK) | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| Taiwan (excl. HK) | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
| Hong Kong (excl. HK) | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| Macau (excl. HK) | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
| China (incl. HK) | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |
| India (incl. HK) | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| Indonesia (incl. HK) | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| Philippines (incl. HK) | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | | |

TOTAL NUMBER OF OBSERVATIONS 52

U.S. AIR FORCE
 WEATHER SERVICE
 METEOROLOGICAL BRANCH

CEILING VERSUS VISIBILITY

UNIT: METERS
 TAYLOR AFB CA

73-51

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 6.9 | 7.9 | 7.7 | 7.2 | 7.8 | 7.9 | 7.7 | 7.6 | 7.9 | 7.9 | 7.9 |
| 900 | 13.1 | 13.4 | 13.1 | 13.3 | 13.6 | 13.8 | 13.7 | 13.4 | 13.7 | 13.7 | 13.7 |
| 800 | 17.4 | 17.8 | 17.5 | 17.4 | 17.7 | 17.9 | 17.7 | 17.4 | 17.7 | 17.7 | 17.7 |
| 700 | 27.0 | 27.7 | 27.5 | 27.3 | 27.6 | 27.8 | 27.6 | 27.3 | 27.6 | 27.6 | 27.6 |
| 600 | 34.5 | 35.2 | 35.0 | 34.8 | 35.1 | 35.3 | 35.1 | 34.8 | 35.1 | 35.1 | 35.1 |
| 500 | 39.8 | 40.5 | 40.3 | 40.1 | 40.4 | 40.6 | 40.4 | 40.1 | 40.4 | 40.4 | 40.4 |
| 400 | 47.1 | 47.9 | 47.7 | 47.5 | 47.8 | 48.0 | 47.8 | 47.5 | 47.8 | 47.8 | 47.8 |
| 300 | 51.7 | 52.4 | 52.2 | 52.0 | 52.3 | 52.5 | 52.3 | 52.0 | 52.3 | 52.3 | 52.3 |
| 200 | 57.4 | 58.1 | 57.9 | 57.7 | 58.0 | 58.2 | 58.0 | 57.7 | 58.0 | 58.0 | 58.0 |
| 100 | 61.7 | 62.4 | 62.2 | 62.0 | 62.3 | 62.5 | 62.3 | 62.0 | 62.3 | 62.3 | 62.3 |
| 0 | 67.4 | 68.1 | 67.9 | 67.7 | 68.0 | 68.2 | 68.0 | 67.7 | 68.0 | 68.0 | 68.0 |
| 1000 | 1.7 | 1.9 | 1.7 | 1.6 | 1.8 | 1.9 | 1.7 | 1.6 | 1.9 | 1.9 | 1.9 |
| 900 | 1.2 | 1.5 | 1.3 | 1.2 | 1.4 | 1.5 | 1.3 | 1.2 | 1.5 | 1.5 | 1.5 |
| 800 | 1.5 | 1.8 | 1.6 | 1.5 | 1.7 | 1.8 | 1.6 | 1.5 | 1.8 | 1.8 | 1.8 |
| 700 | 2.4 | 2.8 | 2.6 | 2.5 | 2.7 | 2.9 | 2.7 | 2.6 | 2.9 | 2.9 | 2.9 |
| 600 | 2.6 | 3.1 | 2.9 | 2.8 | 3.0 | 3.2 | 3.0 | 2.9 | 3.2 | 3.2 | 3.2 |
| 500 | 3.3 | 3.8 | 3.6 | 3.5 | 3.7 | 3.9 | 3.7 | 3.6 | 3.9 | 3.9 | 3.9 |
| 400 | 4.0 | 4.5 | 4.3 | 4.2 | 4.4 | 4.6 | 4.4 | 4.3 | 4.6 | 4.6 | 4.6 |
| 300 | 4.7 | 5.2 | 5.0 | 4.9 | 5.1 | 5.3 | 5.1 | 5.0 | 5.3 | 5.3 | 5.3 |
| 200 | 5.1 | 5.6 | 5.4 | 5.3 | 5.5 | 5.7 | 5.5 | 5.4 | 5.7 | 5.7 | 5.7 |
| 100 | 5.3 | 5.8 | 5.6 | 5.5 | 5.7 | 5.9 | 5.7 | 5.6 | 5.9 | 5.9 | 5.9 |
| 0 | 5.5 | 6.0 | 5.8 | 5.7 | 5.9 | 6.1 | 5.9 | 5.8 | 6.1 | 6.1 | 6.1 |
| 1000 | 0.5 | 0.6 | 0.5 | 0.4 | 0.5 | 0.6 | 0.5 | 0.4 | 0.6 | 0.6 | 0.6 |
| 900 | 0.4 | 0.5 | 0.4 | 0.3 | 0.4 | 0.5 | 0.4 | 0.3 | 0.5 | 0.5 | 0.5 |
| 800 | 0.3 | 0.4 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.2 | 0.4 | 0.4 | 0.4 |
| 700 | 0.2 | 0.3 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.1 | 0.3 | 0.3 | 0.3 |
| 600 | 0.1 | 0.2 | 0.1 | 0.0 | 0.1 | 0.2 | 0.1 | 0.0 | 0.2 | 0.2 | 0.2 |
| 500 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |
| 400 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |
| 300 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |
| 200 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |
| 100 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |
| 0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 |

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR CLIMATELOGY DIVISION
 AFSTAC
 AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

4-15 INADVISABLE
 STATION NAME

73-60

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1-1-73

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | | | | | |
|-------|-----|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| | | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2500 | 3000 | 4000 | 5000 | 6000 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 200 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 300 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 400 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 500 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 600 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 700 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 800 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 900 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1200 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1400 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1600 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1800 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2500 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 3000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 4000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 5000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 6000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 7000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 8000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 9000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 10000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TOTAL NUMBER OF OBSERVATIONS 170

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
FACILITY C
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-56 TRAVIS AFB CA

73-57

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| ELEVATION
FEET | | VISIBILITY STATISTICAL VALUES | | | | | | | | | | | | | | | |
|-------------------|------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 20 | 21 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| 0 | 1000 | 41.7 | 41.4 | 51.1 | 43.3 | 55.6 | 46.7 | 54.7 | 47.7 | 57.7 | 59.4 | 51.3 | 57.3 | 59.4 | 49.4 | 41.0 | 41.0 |
| 0 | 1000 | 44.7 | 51.4 | 55.1 | 55.4 | 57.6 | 51.2 | 51.4 | 52.2 | 52.7 | 53.2 | 53.2 | 53.2 | 54.7 | 54.4 | 44.1 | 41.7 |
| 0 | 1000 | 44.4 | 53.4 | 58.7 | 57.1 | 61.4 | 51.9 | 52.7 | 52.4 | 52.4 | 53.4 | 54.4 | 54.4 | 55.3 | 55.4 | 45.4 | 47.3 |
| 0 | 1000 | 45.7 | 55.7 | 56.2 | 59.3 | 61.7 | 62.1 | 62.4 | 53.1 | 63.1 | 64.1 | 64.7 | 54.2 | 55.6 | 55.7 | 46.1 | 47.7 |
| 0 | 1000 | 46.3 | 54.7 | 59.1 | 60.9 | 63.3 | 53.9 | 64.2 | 64.9 | 64.5 | 65.7 | 66.4 | 56.0 | 57.7 | 57.4 | 47.9 | 49.4 |
| 0 | 1000 | 47.3 | 55.7 | 59.7 | 62.1 | 64.4 | 55.2 | 65.3 | 66.1 | 66.7 | 67.2 | 67.8 | 62.3 | 62.7 | 55.5 | 47.2 | 49.7 |
| 0 | 1000 | 48.1 | 57.7 | 61.3 | 64.2 | 66.7 | 67.2 | 67.6 | 68.3 | 68.4 | 69.4 | 70.0 | 70.1 | 70.9 | 71.1 | 71.4 | 70.1 |
| 0 | 1000 | 47.7 | 57.7 | 61.3 | 64.2 | 66.7 | 67.2 | 67.6 | 68.3 | 68.4 | 69.4 | 70.0 | 70.1 | 70.9 | 71.1 | 71.4 | 70.1 |
| 0 | 1000 | 48.7 | 57.4 | 63.7 | 66.3 | 68.6 | 69.4 | 69.2 | 70.7 | 70.8 | 71.6 | 72.3 | 71.4 | 72.7 | 73.4 | 73.9 | 73.4 |
| 0 | 1000 | 49.1 | 58.1 | 63.1 | 67.4 | 69.6 | 70.3 | 70.3 | 71.5 | 71.9 | 73.1 | 73.7 | 73.3 | 74.6 | 74.2 | 75.2 | 74.2 |
| 0 | 1000 | 1.2 | 5.4 | 64.0 | 67.3 | 69.9 | 70.7 | 71.1 | 72.1 | 72.7 | 73.4 | 74.0 | 74.1 | 74.9 | 75.1 | 75.6 | 77.2 |
| 0 | 1000 | 1.4 | 5.8 | 64.5 | 67.7 | 70.2 | 71.1 | 71.7 | 72.5 | 73.1 | 74.2 | 74.7 | 74.7 | 75.2 | 75.1 | 75.5 | 76.1 |
| 0 | 1000 | 1.6 | 6.9 | 64.7 | 67.8 | 70.3 | 71.2 | 72.1 | 73.2 | 73.7 | 74.7 | 75.2 | 75.3 | 75.2 | 76.4 | 77.2 | 78.9 |
| 0 | 1000 | 13.4 | 63.4 | 67.3 | 70.4 | 73.0 | 74.2 | 74.2 | 76.3 | 76.7 | 77.2 | 78.1 | 78.7 | 79.6 | 79.3 | 80.3 | 82.1 |
| 0 | 1000 | 4.5 | 64.5 | 67.7 | 72.0 | 74.6 | 75.6 | 76.6 | 77.3 | 78.3 | 79.7 | 80.2 | 81.3 | 81.7 | 81.4 | 82.7 | 83.4 |
| 0 | 1000 | 5.3 | 65.7 | 69.4 | 73.1 | 75.5 | 76.8 | 77.4 | 78.2 | 79.7 | 81.2 | 81.5 | 81.7 | 82.3 | 83.1 | 83.6 | 84.4 |
| 0 | 1000 | 5.7 | 66.2 | 70.4 | 73.7 | 76.4 | 77.9 | 78.9 | 81.4 | 82.2 | 82.4 | 83.7 | 84.1 | 84.2 | 84.2 | 84.8 | 85.7 |
| 0 | 1000 | 59.1 | 66.9 | 70.5 | 74.1 | 77.3 | 78.3 | 79.4 | 81.1 | 81.4 | 83.1 | 83.7 | 84.4 | 84.9 | 85.1 | 85.7 | 87.6 |
| 0 | 1000 | 57.1 | 66.6 | 70.8 | 74.2 | 77.6 | 78.6 | 79.7 | 81.3 | 81.7 | 83.3 | 83.9 | 84.2 | 85.1 | 85.3 | 85.9 | 87.5 |
| 0 | 1000 | 57.4 | 67.1 | 71.3 | 74.2 | 78.1 | 79.2 | 80.3 | 82.4 | 82.9 | 84.6 | 85.1 | 85.4 | 86.3 | 86.6 | 87.1 | 87.2 |
| 0 | 1000 | 59.4 | 67.7 | 72.1 | 75.7 | 79.1 | 80.2 | 81.6 | 83.7 | 84.0 | 86.2 | 86.8 | 87.1 | 88.7 | 88.2 | 89.9 | 91.7 |
| 0 | 1000 | 59.6 | 67.8 | 72.4 | 76.1 | 79.7 | 81.1 | 82.6 | 84.7 | 85.1 | 87.1 | 87.6 | 88.1 | 89.1 | 89.7 | 89.9 | 91.1 |
| 0 | 1000 | 59.7 | 67.1 | 72.7 | 76.4 | 80.8 | 81.3 | 83.3 | 85.1 | 85.4 | 87.4 | 88.7 | 89.5 | 89.6 | 89.8 | 90.3 | 92.2 |
| 0 | 1000 | 59.7 | 68.0 | 72.4 | 76.6 | 80.3 | 81.8 | 83.4 | 85.6 | 85.9 | 87.9 | 88.7 | 89.4 | 90.2 | 90.4 | 91.2 | 92.7 |
| 0 | 1000 | 59.7 | 68.0 | 72.4 | 76.6 | 80.3 | 81.8 | 83.4 | 85.6 | 85.9 | 87.9 | 88.7 | 89.4 | 90.2 | 90.4 | 91.2 | 92.7 |
| 0 | 1000 | 59.7 | 68.1 | 72.7 | 76.7 | 80.6 | 82.0 | 83.9 | 86.0 | 86.4 | 88.7 | 89.6 | 89.9 | 91.1 | 91.3 | 92.7 | 92.9 |
| 0 | 1000 | 59.7 | 68.1 | 72.7 | 76.7 | 80.6 | 82.0 | 84.1 | 86.4 | 86.9 | 89.0 | 90.5 | 90.9 | 92.1 | 92.3 | 93.7 | 94.4 |
| 0 | 1000 | 59.7 | 68.1 | 72.7 | 76.7 | 80.6 | 82.0 | 84.2 | 86.6 | 87.3 | 90.2 | 91.4 | 91.5 | 93.2 | 93.2 | 94.9 | 95.2 |
| 0 | 1000 | 59.7 | 68.0 | 72.7 | 76.7 | 80.6 | 82.0 | 84.2 | 86.6 | 87.3 | 90.4 | 91.8 | 92.7 | 93.8 | 94.2 | 95.7 | 97.0 |
| 0 | 1000 | 59.7 | 68.1 | 72.9 | 76.7 | 80.6 | 82.0 | 84.2 | 86.7 | 87.7 | 90.8 | 92.1 | 92.6 | 94.4 | 95.7 | 96.8 | 98.3 |
| 0 | 1000 | 59.7 | 68.1 | 72.9 | 76.7 | 80.6 | 82.0 | 84.2 | 86.7 | 87.7 | 90.8 | 92.7 | 92.7 | 94.6 | 95.1 | 96.7 | 99.3 |
| 0 | 1000 | 59.7 | 68.1 | 72.9 | 76.7 | 80.6 | 82.0 | 84.7 | 86.7 | 87.7 | 90.9 | 92.2 | 92.7 | 94.6 | 95.1 | 96.7 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

PL 15 T-AVIS APP CA

72-87

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| STATION NAME | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|--------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 1 | 41.3 | 47.8 | 51.9 | 53.0 | 54.7 | 55.2 | 55.9 | 56.7 | 57.7 | 57.1 | 57.1 | 57.1 | 57.2 | 57.7 | 57.7 | 57.7 |
| 2 | 47.0 | 54.7 | 58.1 | 57.4 | 62.6 | 63.0 | 63.9 | 64.9 | 64.0 | 65.3 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.4 |
| 3 | 47.0 | 54.7 | 58.1 | 60.4 | 62.6 | 63.0 | 63.7 | 64.9 | 64.0 | 65.3 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.4 |
| 4 | 47.8 | 55.1 | 59.6 | 62.0 | 64.3 | 65.1 | 65.1 | 67.2 | 67.2 | 67.7 | 68.0 | 68.0 | 68.1 | 68.1 | 68.0 | 68.0 |
| 5 | 49.1 | 57.4 | 61.7 | 63.4 | 65.8 | 66.7 | 67.7 | 68.8 | 69.9 | 69.2 | 69.6 | 69.6 | 69.7 | 69.7 | 70.7 | 70.4 |
| 6 | 51.2 | 57.7 | 63.2 | 65.8 | 68.1 | 69.7 | 70.0 | 71.1 | 71.1 | 71.6 | 71.6 | 71.9 | 72.2 | 72.2 | 72.7 | 72.7 |
| 7 | 51.4 | 57.9 | 63.4 | 66.0 | 68.3 | 69.2 | 70.2 | 71.3 | 71.3 | 71.6 | 72.1 | 72.1 | 72.2 | 72.2 | 72.7 | 72.7 |
| 8 | 53.3 | 57.0 | 65.5 | 68.1 | 70.4 | 71.3 | 72.0 | 73.8 | 73.8 | 74.2 | 74.2 | 74.2 | 74.7 | 74.7 | 75.7 | 75.4 |
| 9 | 53.6 | 57.4 | 65.2 | 67.8 | 71.0 | 71.9 | 73.2 | 74.7 | 74.0 | 75.2 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 | 76.7 |
| 10 | 54.1 | 60.9 | 66.4 | 69.0 | 71.4 | 72.3 | 73.7 | 75.1 | 75.0 | 75.7 | 76.1 | 76.2 | 76.3 | 76.7 | 77.7 | 77.1 |
| 11 | 55.1 | 64.1 | 67.6 | 70.1 | 72.6 | 73.6 | 75.1 | 76.6 | 76.7 | 77.1 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 12 | 55.6 | 64.4 | 68.7 | 71.7 | 73.1 | 74.3 | 75.7 | 77.1 | 77.0 | 77.7 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 13 | 57.1 | 65.3 | 69.2 | 72.0 | 73.1 | 76.3 | 77.7 | 79.1 | 79.2 | 79.7 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| 14 | 58.1 | 67.8 | 71.2 | 73.7 | 76.8 | 76.0 | 79.4 | 80.4 | 81.7 | 81.6 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 |
| 15 | 59.7 | 69.1 | 72.9 | 75.7 | 73.6 | 80.1 | 81.7 | 83.3 | 83.4 | 84.1 | 84.6 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 |
| 16 | 60.0 | 69.6 | 73.4 | 76.3 | 79.3 | 80.9 | 82.3 | 84.1 | 84.7 | 84.9 | 85.4 | 85.8 | 85.7 | 85.7 | 85.7 | 85.7 |
| 17 | 60.5 | 70.1 | 74.1 | 77.1 | 80.2 | 81.8 | 83.2 | 85.2 | 85.3 | 86.0 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 18 | 60.8 | 70.8 | 74.1 | 77.4 | 80.7 | 82.2 | 83.7 | 85.8 | 85.0 | 86.0 | 87.7 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 |
| 19 | 61.0 | 70.8 | 74.1 | 77.7 | 80.9 | 82.4 | 84.3 | 86.6 | 86.7 | 87.4 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 |
| 20 | 61.1 | 70.9 | 75.7 | 78.2 | 81.4 | 83.2 | 85.4 | 87.7 | 87.7 | 88.6 | 89.7 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 |
| 21 | 61.1 | 71.3 | 75.0 | 78.9 | 82.6 | 84.3 | 86.8 | 89.0 | 89.1 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 22 | 61.2 | 71.5 | 76.1 | 79.1 | 82.8 | 84.6 | 87.1 | 89.4 | 89.7 | 90.7 | 91.2 | 91.6 | 91.9 | 91.0 | 92.0 | 91.9 |
| 23 | 61.2 | 71.5 | 76.1 | 79.2 | 83.0 | 84.8 | 87.4 | 89.9 | 89.9 | 90.9 | 91.2 | 92.1 | 91.4 | 92.6 | 92.6 | 92.6 |
| 24 | 61.2 | 71.5 | 76.1 | 79.2 | 83.1 | 84.9 | 87.7 | 90.3 | 90.7 | 91.8 | 92.7 | 93.0 | 93.1 | 93.1 | 93.9 | 94.0 |
| 25 | 61.2 | 71.7 | 76.2 | 79.3 | 83.2 | 85.1 | 88.0 | 90.7 | 91.4 | 92.6 | 93.4 | 93.5 | 93.9 | 93.9 | 94.7 | 94.7 |
| 26 | 61.2 | 71.7 | 76.2 | 79.6 | 83.7 | 85.6 | 88.4 | 91.3 | 92.3 | 93.0 | 94.0 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| 27 | 61.2 | 71.7 | 76.2 | 79.6 | 83.7 | 85.7 | 88.6 | 91.6 | 92.7 | 94.0 | 95.0 | 95.7 | 95.7 | 95.6 | 95.7 | 95.6 |
| 28 | 61.2 | 71.7 | 76.2 | 79.6 | 83.7 | 85.7 | 88.8 | 91.6 | 92.9 | 94.6 | 96.0 | 96.4 | 96.4 | 96.2 | 97.0 | 96.1 |
| 29 | 61.2 | 71.7 | 76.2 | 79.6 | 83.7 | 85.7 | 88.8 | 91.6 | 92.9 | 94.6 | 96.4 | 96.4 | 96.4 | 97.4 | 97.8 | 97.8 |
| 30 | 61.2 | 71.7 | 76.2 | 79.6 | 83.7 | 85.7 | 88.8 | 91.6 | 92.9 | 94.6 | 96.4 | 96.4 | 96.4 | 97.4 | 97.8 | 97.8 |
| 31 | 61.2 | 71.7 | 76.2 | 79.6 | 83.7 | 85.7 | 88.8 | 91.6 | 92.9 | 94.6 | 96.4 | 96.4 | 96.4 | 97.4 | 97.8 | 97.8 |

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14-10 T-AVIS AFM CA

73-8

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

15-17

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | |
|----------------------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 |
| 1000 | 4.6 | 54.2 | 57.1 | 58.4 | 59.2 | 60.5 | 61.8 | 61.2 | 61.7 | 61.2 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| 900 | 1.6 | 5.3 | 55.2 | 66.5 | 68.3 | 70.6 | 69.7 | 59.3 | 58.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 800 | 2.3 | 51.8 | 65.7 | 67.1 | 68.9 | 69.4 | 69.7 | 71.1 | 70.7 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 700 | 2.3 | 51.8 | 65.7 | 67.1 | 68.9 | 69.4 | 69.7 | 70.1 | 70.7 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 600 | 4.4 | 55.2 | 68.7 | 69.5 | 71.5 | 72.1 | 72.4 | 72.9 | 73.7 | 73.0 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 500 | 50.5 | 67.5 | 71.5 | 72.1 | 74.7 | 74.5 | 74.3 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| 400 | 5.5 | 71.9 | 75.3 | 76.9 | 78.8 | 79.3 | 79.9 | 81.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| 300 | 30.6 | 71.0 | 75.4 | 77.0 | 78.9 | 79.4 | 80.7 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| 200 | 31.3 | 73.2 | 76.6 | 77.2 | 80.2 | 80.5 | 81.3 | 81.7 | 81.4 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 100 | 2.4 | 71.7 | 77.6 | 79.2 | 81.2 | 81.8 | 82.3 | 82.9 | 83.7 | 83.8 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 50 | 2.4 | 74.3 | 79.2 | 79.8 | 81.6 | 82.3 | 82.9 | 83.5 | 83.8 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| 25 | 3.3 | 75.1 | 79.9 | 80.4 | 82.4 | 83.2 | 83.6 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| 12.5 | 3.3 | 75.9 | 79.9 | 81.5 | 83.7 | 83.9 | 84.5 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 6.25 | 3.4 | 77.5 | 81.4 | 83.2 | 85.3 | 86.0 | 86.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 3.125 | 6.4 | 77.6 | 80.5 | 84.4 | 85.5 | 87.2 | 88.0 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 1.5625 | 6.4 | 80.3 | 84.4 | 86.4 | 88.5 | 89.2 | 90.7 | 90.5 | 90.2 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| 0.78125 | 69.1 | 81.6 | 84.9 | 87.1 | 89.4 | 91.1 | 90.9 | 91.7 | 91.7 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 0.390625 | 69.1 | 81.1 | 85.3 | 87.7 | 91.0 | 91.9 | 91.2 | 92.8 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 0.1953125 | 69.1 | 81.2 | 85.4 | 87.8 | 90.2 | 91.2 | 92.1 | 93.2 | 93.7 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 0.09765625 | 69.1 | 81.0 | 85.2 | 88.7 | 91.1 | 92.1 | 93.1 | 94.3 | 94.7 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 0.048828125 | 69.1 | 81.2 | 85.5 | 89.5 | 92.1 | 93.1 | 94.1 | 95.6 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 0.0244140625 | 69.1 | 81.3 | 85.7 | 89.5 | 92.5 | 93.5 | 94.5 | 96.0 | 96.4 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 0.01220703125 | 69.1 | 81.3 | 85.9 | 89.8 | 92.8 | 93.8 | 94.8 | 96.2 | 96.7 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 0.006103515625 | 69.1 | 81.4 | 87.0 | 90.5 | 93.1 | 94.1 | 95.2 | 96.7 | 97.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 0.0030517578125 | 69.1 | 81.5 | 87.1 | 90.1 | 93.3 | 94.3 | 95.7 | 97.1 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 0.00152587890625 | 69.1 | 81.5 | 87.1 | 90.1 | 93.3 | 94.3 | 95.7 | 97.4 | 98.1 | 98.9 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| 0.000762939453125 | 69.1 | 81.5 | 87.1 | 90.1 | 93.3 | 94.3 | 95.7 | 97.6 | 98.2 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.0003814697265625 | 69.1 | 81.5 | 87.1 | 90.2 | 93.4 | 94.4 | 95.9 | 97.8 | 98.4 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.00019073486328125 | 69.1 | 81.5 | 87.1 | 90.2 | 93.4 | 94.4 | 95.9 | 97.8 | 98.4 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.000095367431640625 | 69.1 | 81.5 | 87.1 | 90.2 | 93.4 | 94.4 | 95.9 | 97.8 | 98.4 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 899

AL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE / SAC

CEILING VERSUS VISIBILITY

14-16

THAVIS AFB CA

73-52

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

10-1-1-1

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | | | | | |
|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 |
| 1-1 | 2.4 | 5.5 | 62.7 | 64.1 | 66.1 | 7.7 | 65.7 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| 1-2 | 65.2 | 64.1 | 67.7 | 69.2 | 7.2 | 70.4 | 71.1 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| 1-3 | 65.3 | 64.4 | 69.0 | 69.6 | 70.6 | 7.8 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 1-4 | 65.6 | 64.8 | 69.3 | 69.8 | 70.9 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| 1-5 | 65.7 | 67.3 | 71.9 | 72.4 | 73.6 | 74.0 | 74.7 | 74.8 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| 1-6 | 69.4 | 65.3 | 72.1 | 73.6 | 74.1 | 75.3 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| 1-7 | 72.6 | 71.6 | 75.4 | 77.6 | 79.1 | 79.3 | 80.7 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 1-8 | 72.4 | 71.8 | 75.8 | 77.6 | 79.1 | 79.3 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 1-9 | 74.0 | 73.2 | 77.4 | 79.2 | 81.0 | 81.3 | 82.7 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 1-10 | 84.2 | 74.1 | 78.3 | 80.1 | 82.1 | 82.4 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 1-11 | 85.1 | 74.3 | 77.9 | 80.9 | 82.7 | 83.1 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 1-12 | 86.2 | 79.6 | 81.1 | 82.4 | 84.2 | 84.6 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 1-13 | 87.1 | 78.6 | 81.1 | 83.4 | 85.2 | 85.6 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| 1-14 | 87.2 | 77.7 | 82.4 | 84.6 | 86.8 | 87.1 | 87.8 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 1-15 | 87.3 | 78.1 | 82.7 | 85.2 | 87.2 | 87.6 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 1-16 | 88.7 | 79.7 | 83.7 | 86.1 | 88.3 | 88.7 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 1-17 | 88.1 | 79.2 | 84.3 | 87.1 | 89.3 | 89.7 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 1-18 | 89.4 | 80.2 | 85.4 | 88.2 | 90.8 | 91.2 | 92.2 | 92.7 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 1-19 | 89.7 | 80.6 | 85.3 | 88.6 | 91.1 | 91.7 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 1-20 | 90.7 | 81.9 | 86.7 | 89.0 | 91.6 | 92.3 | 93.4 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 1-21 | 90.8 | 81.1 | 86.6 | 89.6 | 92.3 | 93.1 | 94.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 1-22 | 90.8 | 81.1 | 86.7 | 89.6 | 92.9 | 93.7 | 95.1 | 96.0 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 1-23 | 90.3 | 81.1 | 86.9 | 90.4 | 93.3 | 94.1 | 95.4 | 96.4 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 1-24 | 90.4 | 81.1 | 86.9 | 90.4 | 93.4 | 94.2 | 95.7 | 96.6 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 1-25 | 90.8 | 81.1 | 86.9 | 90.4 | 93.6 | 94.3 | 95.8 | 96.9 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 1-26 | 90.8 | 81.1 | 86.9 | 90.4 | 94.7 | 94.8 | 96.1 | 97.7 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 1-27 | 90.8 | 81.1 | 87.1 | 90.7 | 94.4 | 95.3 | 96.7 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1-28 | 90.8 | 81.1 | 87.7 | 90.7 | 94.4 | 95.3 | 97.1 | 98.3 | 98.8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 1-29 | 90.8 | 81.1 | 87.7 | 90.7 | 94.4 | 95.3 | 97.0 | 98.6 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1-30 | 90.8 | 81.1 | 87.7 | 90.7 | 94.4 | 95.3 | 97.0 | 98.6 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1-31 | 90.8 | 81.1 | 87.7 | 90.7 | 94.4 | 95.3 | 97.0 | 98.6 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 920

AFI AL CLIMATOLOGY 7-4-61
AFETAC
AFI CLIMATE SERVICE 7-4-61

CEILING VERSUS VISIBILITY

14-16 14-16 APR 61 71-41

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 50 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 71

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C. 20330

CEILING VERSUS VISIBILITY

4-16 14-5-57 72-01

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 17.5 | 34.1 | 3.7 | 4.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 900 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 800 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 700 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 600 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 500 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 400 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 300 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 200 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 100 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 0 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1000 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 900 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 800 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 700 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 600 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 500 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 400 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 300 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 200 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 100 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 0 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1000 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 900 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 800 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 700 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 600 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 500 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 400 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 300 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 200 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 100 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 0 | 17.5 | 34.1 | 41.5 | 44.0 | 40.1 | 47.0 | 41.5 | 44.0 | 40.1 | 47.0 | 17.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS _____

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE 10-10-2010 BY 60322

10-10-2010

10-10-2010

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 | TOTAL |
|---------|------|------|------|-----|------|------|------|-----|-----|-----|-----|-------|
| 1000 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 900 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 800 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 700 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 600 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 500 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 400 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 300 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 200 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 100 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 0 | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| TOTAL | 34.7 | 27.7 | 41.0 | 2.0 | 41.4 | 44.0 | 48.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

UNCLASSIFIED 10-10-2010 BY 60322

CEILING VERSUS VISIBILITY

77-517

• 2000 •

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY - A CH
OFFICE
AIR WEATHER SERVICE AC

CEILING VERSUS VISIBILITY

14-15 DAVIS AFB CA

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-1-1-1-1-1

| CEILING | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|---------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 900 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 800 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 700 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 600 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 500 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 400 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 300 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 200 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 100 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 0 | 1.1 | 4.1 | 46.7 | 46.9 | 53.3 | 74.7 | 65.8 | 55.8 | 37.7 | 51.2 | 57.4 | 57.1 | 57.8 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC 17-1 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]TOTAL NUMBER OF OBSERVATIONS 235

USAF EAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 15 TRAVIS AFB CA

73-67

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING
FEET | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 |
|-----------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 100 | 1.7 | 37.1 | 47.1 | 43.5 | 40.9 | 37.4 | 32.7 | 27.0 | 21.7 | 16.2 | 11.4 | 8.1 | 5.4 | 3.5 | 2.2 | 1.4 | 0.8 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 200 | 3.1 | 4.1 | 43.1 | 47.1 | 51.9 | 52.1 | 53.6 | 55.1 | 55.7 | 55.8 | 56.7 | 57.1 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 |
| 300 | 3.3 | 4.6 | 44.7 | 47.6 | 51.4 | 52.5 | 54.1 | 55.5 | 55.8 | 56.2 | 56.7 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 |
| 400 | 3.4 | 4.1 | 45.1 | 43.5 | 52.5 | 3.6 | 55.2 | 55.6 | 56.9 | 57.4 | 57.8 | 58.1 | 58.7 | 59.2 | 59.6 | 59.9 | 60.2 | 60.5 | 60.8 | 61.1 | 61.4 | 61.7 | 62.0 | 62.3 | 62.6 | 62.9 |
| 500 | 3.4 | 4.1 | 46.0 | 49.4 | 53.4 | 54.6 | 55.3 | 57.6 | 58.1 | 58.7 | 59.2 | 59.6 | 59.9 | 60.2 | 60.5 | 60.8 | 61.1 | 61.4 | 61.7 | 62.0 | 62.3 | 62.6 | 62.9 | 63.2 | 63.5 | 63.8 |
| 600 | 3.5 | 4.2 | 47.3 | 5.6 | 55.6 | 56.2 | 56.1 | 56.6 | 59.9 | 61.5 | 61.6 | 62.6 | 63.1 | 63.3 | 63.5 | 63.7 | 63.9 | 64.1 | 64.3 | 64.5 | 64.7 | 64.9 | 65.1 | 65.3 | 65.5 | 65.7 |
| 700 | 3.5 | 4.2 | 47.5 | 51.9 | 55.1 | 56.4 | 58.2 | 59.7 | 61.1 | 62.5 | 61.3 | 61.4 | 61.7 | 61.9 | 62.1 | 62.3 | 62.5 | 62.7 | 62.9 | 63.1 | 63.3 | 63.5 | 63.7 | 63.9 | 64.1 | 64.3 |
| 800 | 3.7 | 4.2 | 49.4 | 53.5 | 55.9 | 59.4 | 61.7 | 63.1 | 63.7 | 64.2 | 64.5 | 64.8 | 65.2 | 65.7 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 |
| 900 | 3.7 | 4.2 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 1000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 1200 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 1400 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 1600 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 1800 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 2000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 2500 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 3000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 3500 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 4000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 4500 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 5000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 6000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 7000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 8000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 9000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |
| 10000 | 3.8 | 4.3 | 51.1 | 54.6 | 57.4 | 58.3 | 62.4 | 64.6 | 65.1 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 |

TOTAL NUMBER OF OBSERVATIONS

7434

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS SERVICE IN AREA OF LEAK, PORTLAND,
BROKEN, COLUMBIA, & OCEANIC WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 7/10

CLOUDY WAS CONVERTED TO 10/10

OVERCAST WAS CONVERTED TO 10/10

SKY COVER



| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
DAYS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | 0-22 | 20.1 | | | 14.7 | | | | | | 14.8 | 45.6 | 5.5 | 894 |
| | 3-25 | 10.1 | | | 16.4 | | | | | | 13.6 | 51.7 | 6.9 | 699 |
| | 6-01 | 10.7 | | | 17.9 | | | | | | 18.7 | 53.5 | 7.5 | 977 |
| | 9-11 | 7.8 | | | 10.2 | | | | | | 1.2 | 52.4 | 7.7 | 913 |
| | 12-14 | 6.7 | | | 22.5 | | | | | | 24.3 | 46.6 | 7.5 | 915 |
| | 15-17 | 6.8 | | | 25.7 | | | | | | 27.9 | 39.7 | 7.2 | 915 |
| | 18-2 | 13.2 | | | 26.7 | | | | | | 19.5 | 40.6 | 6.6 | 911 |
| | 21-23 | 12.8 | | | 24.6 | | | | | | 14.0 | 41.5 | 6.2 | 905 |
| TOTALS | | 12.7 | | | 21.4 | | | | | | 19.2 | 46.5 | 7.0 | 7262 |

2

9

100

13

F

SKY COVER

422

— 94 —

200

| MONTH | HOURS
LST. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
CLOUDINESS | TOTAL
NO. OF
OBS. | |
|--------|---------------|---|---|---|------|---|---|---|---|---|------|--------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 30-02 | 27.2 | | | 25.1 | | | | | | 1.2 | 26.6 | 5.3 | 930 |
| | 03-05 | 22.3 | | | 27.4 | | | | | | 0.2 | 32.1 | 5.6 | 927 |
| | 06-08 | 9.4 | | | 37.9 | | | | | | 30.0 | 29.6 | 6.6 | 921 |
| | 09-11 | 6.8 | | | 32.5 | | | | | | 32.8 | 27.9 | 6.7 | 929 |
| | 12-14 | 5.7 | | | 32.2 | | | | | | 33.8 | 28.4 | 6.6 | 931 |
| | 15-17 | 5.2 | | | 34.6 | | | | | | 30.5 | 29.7 | 6.8 | 930 |
| | 18-20 | 12.1 | | | 34.4 | | | | | | 24.9 | 28.6 | 6.1 | 929 |
| | 21-23 | 26.3 | | | 29.2 | | | | | | 19.2 | 25.3 | 5.1 | 933 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| TOTALS | | 14.4 | | | 33.8 | | | | | | 26.6 | 28.3 | 6.1 | 7426 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SKY COVER

105

36

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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44

E5

SKY COVER

10

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USAFETAC 08-06-79 08:00Z

AL CLIMATE DIVISION
 METEOROLOGICAL
 DATA SERVICE AC

SKY COVER

16 16 APRIS AF CA

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS
LAST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL | |
|--------|---------------|---|---|-----|---|---|---|---|---|------|-----|-------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1-3 | 0. | | | 2.7 | | | | | | 1.7 | 2.3 | 1.7 | 5.4 |
| 4-6 | 0.7 | | | 2.7 | | | | | | 1.7 | 2.3 | 1.7 | 5.4 |
| 7-9 | 12.0 | | | 4.7 | | | | | | 1.4 | 2.9 | 2.2 | 6.5 |
| 10-11 | 0.2 | | | 4.7 | | | | | | 7.0 | 7.7 | 6.9 | 21.3 |
| 12-1 | 16. | | | 4.7 | | | | | | 1.4 | 3.4 | 1.7 | 6.2 |
| 2-17 | 11.4 | | | 2. | | | | | | 14.8 | 2.5 | 1.1 | 18.4 |
| 18-19 | 0.7 | | | 4.7 | | | | | | 17.7 | 2.7 | 2.5 | 22.6 |
| 20-27 | 0.7 | | | 2.7 | | | | | | 3.2 | 1.4 | 1.2 | 5.8 |
| TOTALS | 15.4 | | | 4.7 | | | | | | 1.7 | 2.5 | 7.1 | 24.7 |

U. S. AIR FORCE CLIMATOLOGY BRANCH
 AFM/TAC
 14TH AIR SERVICE WING

SKY COVER

4-10 DAY 14-15-16
 14-15-16

7-1-2

1-1-2

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS
OBSERVED | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | WIND
SPEED
(KNOTS) | TOTAL
OBSERVATIONS |
|--------|-------------------|---|---|-----|---|---|---|---|---|-----|-----|--------------------------|-----------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1-10 | 10.0 | | | 1.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| 1-11 | 11.0 | | | 1.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| 1-12 | 12.0 | | | 4.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| 1-13 | 13.0 | | | 1.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| 1-14 | 14.0 | | | 3.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| 1-15 | 15.0 | | | 4.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| 1-16 | 16.0 | | | 3.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| 1-17 | 17.0 | | | 1.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |
| TOTALS | 4.0 | | | 1.0 | | | | | | 1.0 | 1.0 | 1.0 | 3.0 |

USAFETAC

FORM 10-54 0-5-101-A1

PREVIOUS EDITIONS ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SKY COVER

745160
STATION

TRAVIS AFB CA
STATION NAME

73-82
PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|-------|-----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| OCT | 00-02 | 53.8 | | | 24.3 | | | | | | 11.7 | 10.2 | 2.8 | 927 |
| | 03-05 | 53.5 | | | 23.7 | | | | | | 13.3 | 9.6 | 2.9 | 926 |
| | 06-08 | 29.9 | | | 38.8 | | | | | | 23.7 | 8.3 | 4.1 | 920 |
| | 09-11 | 30.6 | | | 37.1 | | | | | | 21.6 | 17.6 | 4.1 | 921 |
| | 12-14 | 27.5 | | | 39.5 | | | | | | 32.0 | 10.2 | 4.3 | 923 |
| | 15-17 | 28.1 | | | 32.1 | | | | | | 23.2 | 9.6 | 4.2 | 925 |
| | 18-20 | 40.5 | | | 31.7 | | | | | | 18.3 | 9.5 | 3.5 | 928 |
| | 21-23 | 51.3 | | | 24.9 | | | | | | 13.9 | 9.9 | 3.1 | 930 |
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USAFETAC

FORM
JUL 64

D-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

NSV

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| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| NOV | 00-02 | 28.6 | | | 26.4 | | | | | | 18.9 | 26.6 | 5.1 | 887 |
| | 3-05 | 29.3 | | | 27.7 | | | | | | 17.8 | 25.2 | 5.0 | 881 |
| | 06-08 | 14.5 | | | 32.5 | | | | | | 26.6 | 26.5 | 6.7 | 884 |
| | 9-11 | 11.9 | | | 24.9 | | | | | | 30.0 | 29.2 | 6.5 | 893 |
| | 12-14 | 10.5 | | | 31.5 | | | | | | 29.6 | 28.5 | 6.5 | 896 |
| | 15-17 | 10.6 | | | 35.2 | | | | | | 30.7 | 23.5 | 6.2 | 895 |
| | 18-20 | 23.7 | | | 30.8 | | | | | | 23.0 | 23.1 | 5.3 | 893 |
| | 21-23 | 32.4 | | | 24.3 | | | | | | 18.5 | 24.9 | 4.9 | 893 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.1 | | | 29.7 | | | | | | 24.4 | 25.9 | 5.7 | 7122 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

20

3

i

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SKY COVER

2416

TRAVIS AFB CA

73-83

ALL

STATION

STATION NAME

PERIOD

UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | ALL | 12.9 | | | 21.4 | | | | | | 19.2 | 46.5 | 7.0 | 7262 |
| FEB | | 12.4 | | | 25.7 | | | | | | 29.5 | 32.3 | 6.7 | 6706 |
| MAR | | 14.4 | | | 30.8 | | | | | | 26.6 | 28.3 | 6.1 | 7426 |
| APR | | 22.1 | | | 36.6 | | | | | | 24.6 | 16.8 | 5.0 | 7197 |
| MAY | | 34.1 | | | 41.1 | | | | | | 18.9 | 5.9 | 3.5 | 7435 |
| JUN | | 36.3 | | | 45.4 | | | | | | 14.5 | 3.8 | 3.1 | 7199 |
| JUL | | 50.4 | | | 33.2 | | | | | | 4.9 | 2.2 | 2.2 | 7438 |
| AUG | | 43.4 | | | 41.2 | | | | | | 12.7 | 2.6 | 2.6 | 7427 |
| SEP | | 49.6 | | | 33.6 | | | | | | 12.8 | 4.3 | 2.6 | 7197 |
| OCT | | 39.4 | | | 32.4 | | | | | | 18.5 | 9.7 | 3.6 | 7400 |
| NOV | | 20.1 | | | 29.7 | | | | | | 24.4 | 25.9 | 5.7 | 7122 |
| DEC | | 19.6 | | | 24.2 | | | | | | 15.8 | 40.3 | 6.2 | 7224 |
| TOTALS | | 27.6 | | | 33.4 | | | | | | 18.9 | 18.2 | 4.5 | 87033 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally, by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC
44160 TRAVIS AFB CA
STATION NAME

43-83

YEAR

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 110 | | | | | | | .1 | | | | | | .0 |
| 110 | | | | | | .2 | .2 | | .3 | | | | .1 |
| 105 | | | | | | 1.4 | 1.4 | .7 | 1.2 | | | | .4 |
| 100 | | | | | .2 | 5.1 | 5.6 | 4.9 | 3.7 | .4 | | | 1.7 |
| 95 | | | | .1 | 2.0 | 12.5 | 15.7 | 14.9 | 12.9 | 1.5 | | | 5.0 |
| 90 | | | | 1.0 | 6.9 | 21.9 | 33.6 | 32.0 | 27.7 | 6.1 | | | 10.0 |
| 85 | | | .1 | 4.4 | 14.7 | 32.6 | 57.7 | 52.4 | 46.0 | 16.6 | .3 | | 18.6 |
| 80 | | | .7 | 11.4 | 27.0 | 51.3 | 78.7 | 76.2 | 67.2 | 30.7 | 2.4 | | 28.9 |
| 75 | .2 | .4 | 6.4 | 25.0 | 46.1 | 76.6 | 93.6 | 93.9 | 85.1 | 52.5 | 3.3 | .1 | 40.9 |
| 70 | .9 | 3.5 | 16.0 | 42.2 | 68.9 | 93.0 | 99.0 | 98.5 | 96.8 | 75.2 | 19.2 | .7 | 51.3 |
| 65 | 4.0 | 15.9 | 34.0 | 64.2 | 90.0 | 98.4 | 99.9 | 99.9 | 99.8 | 93.1 | 42.7 | 5.2 | 62.4 |
| 60 | 10.2 | 47.6 | 65.6 | 86.7 | 98.5 | 99.7 | 100.0 | 100.0 | 100.0 | 96.9 | 69.7 | 21.2 | 75.3 |
| 55 | 41.5 | 79.0 | 90.6 | 96.1 | 99.8 | 99.9 | | | | 100.0 | 91.2 | 49.0 | 87.2 |
| 50 | 73.0 | 94.8 | 98.9 | 99.6 | 100.0 | 100.0 | | | | | 97.5 | 74.2 | 94.8 |
| 45 | 90.5 | 99.5 | 99.9 | 100.0 | | | | | | | 99.9 | 91.5 | 93.4 |
| 40 | 98.1 | 100.0 | 100.0 | | | | | | | | 100.0 | 98.2 | 99.7 |
| 35 | 9.8 | | | | | | | | | | | 99.8 | 100.0 |
| 30 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 25 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 53.0 | 59.0 | 62.0 | 68.5 | 74.7 | 81.4 | 86.2 | 85.7 | 84.0 | 75.7 | 63.5 | 53.9 | 70.7 |
| S.D. | 6.4 | 5.6 | 6.7 | 6.5 | 7.2 | 8.6 | 9.1 | 7.9 | 6.5 | 8.2 | 7.3 | 6.6 | 14.1 |
| TOTAL OBS | 1240 | 1130 | 1240 | 1200 | 1233 | 1168 | 1240 | 1237 | 1200 | 1239 | 1100 | 1240 | 14587 |

USAFETAC 0.215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/1AC

74-16 TRAVIS AFB CA

STATION

STATION NAME

43-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 75 | | | | | .1 | .2 | | | | | | | .2 |
| 70 | | | | | | 1.0 | | | | | | | 1.4 |
| 65 | | | .1 | .1 | .6 | 3.9 | 4.2 | 3.1 | 4.7 | .4 | | | 7.4 |
| 60 | | | .2 | .6 | 2.8 | 14.1 | 21.1 | 22.7 | 22.0 | 4.4 | .2 | | 28.4 |
| 55 | .7 | 1.5 | 1.1 | 6.1 | 17.0 | 52.4 | 76.8 | 80.3 | 69.0 | 29.6 | 4.2 | .6 | 51.4 |
| 50 | 6.1 | 11.2 | 12.7 | 29.0 | 66.6 | 93.8 | 99.9 | 99.8 | 97.2 | 72.7 | 21.2 | 5.6 | 69.2 |
| 45 | 18.3 | 34.0 | 46.5 | 70.1 | 94.7 | 99.8 | 100.0 | 100.0 | 100.0 | 92.6 | 51.9 | 21.5 | 84.1 |
| 40 | 32.8 | 67.1 | 82.2 | 92.1 | 99.4 | 100.0 | | | | 99.1 | 79.9 | 49.4 | 94.0 |
| 35 | 69.8 | 91.8 | 97.2 | 99.2 | 99.9 | | | | | 100.0 | 95.8 | 75.5 | 96.3 |
| 30 | 79.2 | 95.5 | 99.0 | 99.7 | 100.0 | | | | | | 98.1 | 84.9 | 98.6 |
| 25 | 90.6 | 99.6 | 99.6 | 100.0 | | | | | | | 99.6 | 94.0 | 99.9 |
| 20 | 99.1 | 100.0 | 100.0 | | | | | | | | 100.0 | 99.4 | 100.0 |
| 15 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 39.1 | 42.1 | 44.0 | 46.8 | 51.0 | 55.3 | 57.1 | 57.3 | 56.7 | 51.9 | 44.6 | 39.2 | 48.7 |
| S D | 6.680 | 6.666 | 4.926 | 5.045 | 4.239 | 4.455 | 3.598 | 3.369 | 4.160 | 4.781 | 5.356 | 6.329 | 8.459 |
| TOTAL OBS | 1240 | 1130 | 1240 | 1200 | 1233 | 1198 | 1240 | 1237 | 1200 | 1239 | 1200 | 1240 | 14587 |

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

10. AL CLIMATOLOGY STATION
 11. ETAC
 12. WEATHER SERVICE/AC
 14. 16. STATIONS AND CA NAME

DAILY TEMPERATURES

43-23

1942

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

1. AN

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1 | | | | | | | | | | | | | .1 |
| 2 | | | | | .1 | 2.1 | 2.1 | 1.1 | 1.2 | | | | .2 |
| 3 | | | | .1 | .7 | 7.7 | 8.4 | 8.5 | 7.5 | | | | .2 |
| 4 | | | | .1 | 4.5 | 13.7 | 26.5 | 26.8 | 23.3 | 4.0 | | | .7 |
| 5 | | | .1 | 3.3 | 13.6 | 36.6 | 65.5 | 62.8 | 53.8 | 14.2 | .1 | | 1.0 |
| 6 | | | 1.0 | 14.2 | 35.8 | 71.5 | 93.1 | 94.3 | 85.8 | 42.3 | 3.0 | | 37.1 |
| 7 | .0 | 2.0 | 11.3 | 27.2 | 71.9 | 96.3 | 99.8 | 99.9 | 99.3 | 79.6 | 16.1 | .7 | 51.4 |
| 8 | 6.5 | 2.9 | 38.4 | 69.1 | 95.3 | 99.8 | 100.0 | 100.0 | 100.0 | 96.2 | 48.8 | 7.8 | 68.4 |
| 9 | 24.5 | 61.7 | 79.4 | 93.2 | 99.6 | 100.0 | | | | 99.9 | 81.4 | 31.6 | 81.6 |
| 10 | 57.7 | 97.9 | 97.9 | 99.2 | 100.0 | | | | | 100.0 | 97.1 | 94.7 | 92.1 |
| 11 | 7.8 | 99.6 | 100.0 | 100.0 | | | | | | | 99.9 | 91.6 | 93.2 |
| 12 | 6.5 | 100.0 | | | | | | | | | 100.0 | 99.0 | 94.8 |
| 13 | 9.9 | | | | | | | | | | | 99.9 | 100.0 |
| 14 | 10.0 | | | | | | | | | | | 100.0 | 100.0 |

MEAN 41.1 41.7 36.3 57.0 63.1 68.0 71.8 71.7 70.0 52.1 54.3 46.0 49.9
 .47 4.54 .804 6.011 5.733 6.562 6.220 5.064 5.993 6.47 5.373 5.349 1.772
 124 113 124 120 123 114 124 123 120 121 122 124 1457

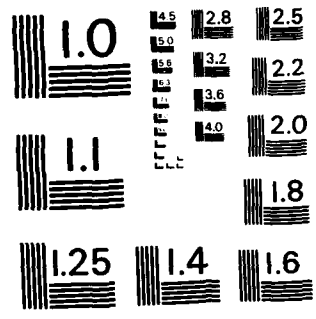
USAFETAC (OL A) PREPARED BY THE CLIMATE DIVISION

4/5

UNCLASSIFIED

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

745160 TRAVIS AFB CA
STATION STATION NAME

43-23

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

74-83

YEARS

MONTH

PAGE 1

~~SECRET~~
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 67/ 55 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 47/ 53 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 47/ 51 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 47/ 50 | | | .3 | .1 | | | | | | | | | | | | | | 9 | 9 | 5 | 4 | | | | | | | | | | | | | | | | |
| 47/ 50 | | | 1.0 | .2 | | | | | | | | | | | | | | 11 | 11 | 4 | 2 | | | | | | | | | | | | | | | | |
| 57/ 50 | | | .3 | .8 | .5 | | | | | | | | | | | | | 11 | 21 | 13 | 7 | | | | | | | | | | | | | | | | |
| 47/ 53 | | | 2.7 | 1.2 | | | | | | | | | | | | | | 37 | 37 | 12 | 10 | | | | | | | | | | | | | | | | |
| 27/ 51 | | .1 | 4.3 | .6 | .1 | | .2 | | | | | | | | | | | 6 | 30 | 47 | 22 | | | | | | | | | | | | | | | | |
| 77/ 40 | | .9 | 2.7 | .6 | .3 | .1 | | | | | | | | | | | | 43 | 43 | 45 | 54 | | | | | | | | | | | | | | | | |
| 67/ 47 | | .1 | 1.4 | .6 | .5 | .2 | .3 | | | | | | | | | | | 53 | 53 | 38 | 39 | | | | | | | | | | | | | | | | |
| 47/ 45 | | .5 | 6.9 | 1.9 | .2 | .7 | .4 | | | | | | | | | | | 65 | 95 | 52 | 32 | | | | | | | | | | | | | | | | |
| 47/ 43 | | .4 | 2.2 | 2.4 | .3 | .5 | .1 | | | | | | | | | | | 111 | 111 | 52 | 57 | | | | | | | | | | | | | | | | |
| 77/ 41 | | 2.3 | 7.7 | 4.1 | 1.2 | .3 | .2 | | | | | | | | | | | 147 | 147 | 130 | 55 | | | | | | | | | | | | | | | | |
| 47/ 37 | | 3.5 | 6.2 | 3.9 | 1.2 | .1 | | | | | | | | | | | | 137 | 137 | 130 | 111 | | | | | | | | | | | | | | | | |
| 77/ 37 | | 2.3 | 6.5 | 2.0 | .5 | .1 | | | | | | | | | | | | 106 | 106 | 176 | 100 | | | | | | | | | | | | | | | | |
| 77/ 35 | | .8 | 3.3 | 1.3 | .2 | .1 | | | | | | | | | | | | 53 | 53 | 117 | 121 | | | | | | | | | | | | | | | | |
| 37/ 23 | | .1 | 2.3 | .5 | .1 | .1 | | | | | | | | | | | | 29 | 29 | 43 | 74 | | | | | | | | | | | | | | | | |
| 27/ 21 | | .4 | 1.3 | .4 | | | | | | | | | | | | | | 20 | 20 | 27 | 60 | | | | | | | | | | | | | | | | |
| 77/ 20 | | .1 | .2 | .1 | | | | | | | | | | | | | | 4 | 4 | 16 | 45 | | | | | | | | | | | | | | | | |
| 27/ 27 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 35 | | | | | | | | | | | | | | | | |
| 77/ 26 | | | | | | | | | | | | | | | | | | | | 1 | 15 | | | | | | | | | | | | | | | | |
| 27/ 23 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | |
| 77/ 21 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | |
| 77/ 18 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| 17/ 17 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| 17/ 13 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| TOTAL | 12.257 | 820.8 | 4.6 | 1.9 | 1.7 | .1 | .1 | .3 | | | | | | | | | | 932 | 937 | 920 | 930 | | | | | | | | | | | | | | | | |

| Element (X) | Σx' | Σx | Σ | Σ _n | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1571477 | 77735 | 82.983 | 938 | 937 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 1753893 | 39983 | 43.7 | 6.131 | 937 | | 2.5 | | | | | 23 |
| Wet Bulb | 1577503 | 37883 | 40.7 | 6.62 | 937 | | 5.5 | | | | | 93 |
| Dew Point | 1362388 | 35114 | 37.8 | 7.808 | 937 | | 23.0 | | | | | 0.7 |

GENERAL CLIMATOLOGY BRANCH
AFMETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4416 TRAVIS AFB CA

7-83

YEARS

MONTH

PAGE 1 0300-0500
HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 47/63 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 47/61 | .1 | | | .1 | | | | | | | | | | | | | | 2 | 2 | 1 | 1 | | | | | | | | | | | | | | |
| 47/59 | .2 | .5 | | .2 | | | | | .1 | | | | | | | | | 11 | 11 | 4 | 4 | | | | | | | | | | | | | | |
| 47/57 | | | | .1 | | | | | | | | | | | | | | 9 | 9 | 4 | 4 | | | | | | | | | | | | | | |
| 47/55 | .1 | .5 | .4 | | | | | | | | | | | | | | | 14 | 14 | 4 | 4 | | | | | | | | | | | | | | |
| 47/53 | .4 | 1.0 | 1.1 | | | | | | | | | | | | | | | 31 | 31 | 14 | 6 | | | | | | | | | | | | | | |
| 47/51 | | 3.7 | 1.5 | | | | .2 | .1 | | | | | | | | | | 46 | 46 | 24 | 14 | | | | | | | | | | | | | | |
| 47/49 | .9 | 3.7 | .6 | | | | | .1 | | | | | | | | | | 49 | 46 | 45 | 33 | | | | | | | | | | | | | | |
| 47/47 | | 3.7 | .2 | .4 | .3 | .2 | | | | | | | | | | | | 45 | 45 | 37 | 46 | | | | | | | | | | | | | | |
| 47/45 | .8 | 4.9 | .5 | .4 | .2 | .6 | | | | | | | | | | | | 71 | 71 | 45 | 35 | | | | | | | | | | | | | | |
| 47/43 | .6 | 3.4 | 2.2 | .3 | .7 | | | | | | | | | | | | | 113 | 113 | 71 | 60 | | | | | | | | | | | | | | |
| 47/41 | 1.9 | 7.1 | 3.2 | .1 | .5 | .1 | | | | | | | | | | | | 100 | 120 | 100 | 58 | | | | | | | | | | | | | | |
| 47/39 | 4.5 | 5.5 | 2.4 | .5 | .1 | | | | | | | | | | | | | 116 | 116 | 135 | 106 | | | | | | | | | | | | | | |
| 47/37 | 2.3 | 8.6 | 2.4 | .6 | | | | | | | | | | | | | | 133 | 133 | 111 | 94 | | | | | | | | | | | | | | |
| 47/35 | 1.2 | 5.3 | 1.7 | .2 | .7 | | | | | | | | | | | | | 50 | 50 | 176 | 103 | | | | | | | | | | | | | | |
| 47/33 | .4 | 3.3 | 1.5 | .1 | | | | | | | | | | | | | | 50 | 50 | 79 | 79 | | | | | | | | | | | | | | |
| 47/31 | .2 | 1.5 | .3 | | | | | | | | | | | | | | | 52 | 52 | 52 | 97 | | | | | | | | | | | | | | |
| 47/29 | .2 | | | | | | | | | | | | | | | | | 10 | 10 | 25 | 37 | | | | | | | | | | | | | | |
| 47/27 | .3 | .3 | | | | | | | | | | | | | | | | 6 | 5 | 11 | 45 | | | | | | | | | | | | | | |
| 47/25 | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 25 | | | | | | | | | | | | | | |
| 47/23 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | | |
| 47/21 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| 47/19 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 47/17 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 47/15 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 47/13 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 47/11 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 14.25 | 118.7 | 3.3 | 2.2 | 1.5 | .2 | .1 | | | | | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | | | |

| Element (X) | Z ₁ | Z ₂ | X | °s | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 66675 | 77722 | 63.6 | 17.691 | 930 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Dry Bulb | 163515 | 39131 | 47.1 | 6.458 | 930 | | 3.5 | | | | | 93 |
| Wet Bulb | 1522924 | 37164 | 40.0 | 6.370 | 930 | | 9.6 | | | | | 93 |
| Dew Point | 1339481 | 34493 | 37.1 | 8.247 | 930 | | 26.1 | | | | | 93 |

USAFETAC FORM 0-26.5 (OLA) 0-26.5 (OLA) REVISED EDITION OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------|
| 14-16 | TRAVIS AFB CA |
| STATION | STATION NAME |

74-c3

YEARS

JAN.
MONTH

PAGE 1 390L-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
SAFEAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

745162 TRAVIS AFB CA
STATION STATION NAME

74-83

YEARS

11.5 MONTHS

PAGE 1 ~~1200-1400~~
HOURS (L. S. T.)

[illegible]

ALL OTHER EDITIONS OF THIS FORM ARE OBSOLETE

ॐ

510

Q-2

1000

AC

5AF

PSYCHROMETRIC SUMMARY

74-63

YEARS

20
MONTH

PAGE 1 15-0-1740
HOURS 11.5.11

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 69 | | | | | | | | | .1 | | | | | | | | | 7 | 7 | | | | | | | | | | | | | |
| 67 | | | | | | .1 | | .1 | | .4 | .1 | .1 | | | | | | 11 | 11 | | | | | | | | | | | | | |
| 65 | | | | | .1 | | .2 | .1 | | | | .1 | | | | | | 7 | 7 | | | | | | | | | | | | | |
| 63 | | .4 | | .1 | | .3 | .5 | .1 | .1 | | | | | | | | | 16 | 16 | 1 | | | | | | | | | | | | |
| 61 | .1 | .1 | .4 | | .2 | .3 | .4 | | | | | | | | | | | 19 | 19 | 4 | | | | | | | | | | | | |
| 59 | .3 | .6 | 1.3 | 1.5 | .7 | 1.1 | .5 | .7 | | | | | | | | | | 61 | 61 | 4 | | | | | | | | | | | | |
| 57 | .1 | .9 | 2.5 | 1.5 | 1.5 | .6 | .1 | .3 | .2 | | | | | | | | | 75 | 75 | 19 | | | | | | | | | | | | |
| 55 | .2 | 2.5 | 3.3 | 2.5 | 1.5 | 1.0 | .5 | .1 | | | | | | | | | | 105 | 105 | 30 | | | | | | | | | | | | |
| 53 | | 2.5 | 3.4 | 3.2 | 1.3 | 1.2 | .5 | .1 | | | | | | | | | | 114 | 115 | 91 | | | | | | | | | | | | |
| 51 | .3 | 1.9 | 3.3 | 1.2 | 1.1 | 1.1 | .9 | .2 | | | | | | | | | | 97 | 97 | 174 | | | | | | | | | | | | |
| 49 | | 3.4 | 3.2 | 1.5 | 1.5 | 1.1 | .3 | | | | | | | | | | | 107 | 107 | 112 | | | | | | | | | | | | |
| 47 | | 3.7 | 3.1 | 1.5 | 1.4 | .4 | .1 | | | | | | | | | | | 95 | 95 | 120 | | | | | | | | | | | | |
| 45 | .1 | 3.9 | 2.9 | .8 | .5 | .4 | .1 | | | | | | | | | | | 60 | 60 | 100 | | | | | | | | | | | | |
| 43 | .2 | 2.4 | 2.4 | .3 | | | | | | | | | | | | | | 49 | 49 | 108 | | | | | | | | | | | | |
| 41 | 1.2 | 2.8 | 1.2 | .1 | | | | | | | | | | | | | | 49 | 49 | 178 | | | | | | | | | | | | |
| 39 | | 1.5 | .8 | | | | | | | | | | | | | | | 21 | 21 | 70 | | | | | | | | | | | | |
| 37 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 32 | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | 77 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | 45 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| TAL | 3.0 | 26.9 | 28.0 | 15.3 | 9.7 | 7.6 | 4.7 | 2.2 | .5 | .4 | .4 | .1 | | | | | | 929 | 929 | 929 | | | | | | | | | | | | |

| Element (X) | Σx' | Σx | Σ | Σ ² | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 493669 | 65408 | 79.4 | 18.901 | 929 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 2124376 | 48096 | 51.7 | 6.714 | 930 | | | 1.9 | | | | 93 |
| Wet Bulb | 2061954 | 43478 | 46.8 | 5.708 | 929 | | | | | | | 93 |
| Dew Point | 1642155 | 38339 | 41.3 | 8.037 | 929 | | | | | 11.4 | | 93 |

PSYCHROMETRIC SUMMARY

| | | | |
|---------|----------------|-------|-------|
| 74-16 | TRAVIS AFB, CA | 74-83 | 12 |
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 ~~1-1-55~~
HOURS 11-5-1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|--------------------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Point | | | |
| 67/63 | | | | | | | | | | | | | | | | | | 6 | 6 | | | |
| 77/61 | | | .6 | | | | | | | | | | | | | | | 7 | 7 | | | |
| 7/59 | | | | .1 | | | .1 | | .1 | | | | | | | | | 7 | 7 | | | |
| 7/57 | | | .2 | .4 | | | | | .1 | | | | | | | | | 16 | 16 | | | |
| 7/55 | | .1 | 2.5 | 1.7 | .2 | .4 | .3 | .2 | | | | | | | | | | 57 | 57 | | | |
| 47/53 | | | 4.3 | 1.2 | .5 | .6 | .4 | | | | | | | | | | | 75 | 75 | | | |
| 77/51 | 1. | | 3.8 | 1.2 | 1.2 | .9 | | .5 | | | | | | | | | | 8 | 18 | | | |
| 57/49 | | .3 | 3.2 | 3.1 | 1.2 | | .2 | .1 | .4 | | | | | | | | | 33 | 63 | | | |
| 7/47 | | .5 | 6.8 | 3.7 | 1.5 | .7 | .8 | .3 | | | | | | | | | | 128 | 128 | | | |
| 7/45 | | .8 | 7.8 | 4.1 | 1.7 | | .5 | | | | | | | | | | | 132 | 138 | | | |
| 77/43 | .1 | 5.2 | 2.5 | | .9 | 1.1 | .2 | | | | | | | | | | | 62 | 97 | | | |
| 77/41 | 1.5 | 3.7 | 4.1 | .9 | .4 | | | | | | | | | | | | | 101 | 101 | | | |
| 7/39 | 2.2 | 4.3 | 3.1 | .2 | .7 | | | | | | | | | | | | | 93 | 97 | | | |
| 77/37 | | .4 | 2.6 | .2 | .3 | | | | | | | | | | | | | 33 | 33 | | | |
| 7/35 | | .4 | .3 | .2 | | | | | | | | | | | | | | 6 | 9 | | | |
| 77/33 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | |
| 7/31 | | | | | | | | | | | | | | | | | | | 4 | | | |
| 7/29 | | | | | | | | | | | | | | | | | | | | | | |
| 77/27 | | | | | | | | | | | | | | | | | | | | | | |
| 77/25 | | | | | | | | | | | | | | | | | | | | | | |
| 77/23 | | | | | | | | | | | | | | | | | | | | | | |
| 77/21 | | | | | | | | | | | | | | | | | | | | | | |
| 7/19 | | | | | | | | | | | | | | | | | | | | | | |
| 7/17 | | | | | | | | | | | | | | | | | | | | | | |
| 7/15 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 7.7 | 46.7 | 27.3 | 8.6 | 4.5 | 2.5 | 1.5 | | .1 | .3 | | | | | | | | 930 | 930 | | | |

| Element (X) | Σx' | Σx | Σ | Σ ² | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 6.55373 | 73641 | 79.2 | 15.673 | 930 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 2366422 | 43530 | 46.6 | 5.279 | 930 | | | | | | | 63 |
| Wet Bulb | 101843 | 40725 | 43.5 | 5.439 | 930 | | | | .4 | | | 93 |
| Dew Point | 1551522 | 37318 | 40.1 | 7.638 | 930 | | | | 12.9 | | | 93 |

PSYCHROMETRIC SUMMARY

74-27

15.

STATION

STATION NAME

YEARS

2 MONTH

743.

21 U-2349
HOURS 11.5.7.

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

MONTE

FA: 11

_____ 211
HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 14-16 TRAVIS AFB CA STATION NAME 74-87 YEARS FCI MONTH 1000-0000 HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 59 | | .0 | .1 | | | | .1 | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | | | | |
| 57 | | 1.8 | .4 | .2 | | .1 | .2 | | | | | | | | | | | 26 | 26 | 12 | 1 | | | | | | | | | | | | | | | | | |
| 55 | | 1.7 | 1.7 | .2 | | .5 | | | | | | | | | | | | 38 | 38 | 6 | 10 | | | | | | | | | | | | | | | | | |
| 53 | .5 | 4.1 | 2.3 | .6 | | .1 | .1 | | | | | | | | | | | 70 | 70 | 13 | 11 | | | | | | | | | | | | | | | | | |
| 51 | | 4.5 | 5.1 | .1 | .2 | .1 | .1 | | | | | | | | | | | 91 | 91 | 13 | 50 | | | | | | | | | | | | | | | | | |
| 49 | .1 | 5.7 | 6.4 | 1.4 | | | | | | | | | | | | | | 115 | 115 | 1 | 54 | | | | | | | | | | | | | | | | | |
| 47 | .4 | 6.7 | 3.8 | 1.7 | .4 | | .4 | | | | | | | | | | | 114 | 114 | 103 | 74 | | | | | | | | | | | | | | | | | |
| 45 | .5 | 7.7 | 4.5 | .3 | | 1.4 | | | | | | | | | | | | 126 | 126 | 102 | 74 | | | | | | | | | | | | | | | | | |
| 43 | .5 | 6.1 | 3.5 | .4 | | .4 | .1 | | | | | | | | | | | 92 | 92 | 126 | 101 | | | | | | | | | | | | | | | | | |
| 41 | .5 | 5.5 | 3.3 | .5 | .2 | .1 | | | | | | | | | | | | 76 | 86 | 110 | 100 | | | | | | | | | | | | | | | | | |
| 39 | .5 | 3.4 | 1.4 | | .1 | | | | | | | | | | | | | 44 | 44 | 70 | 101 | | | | | | | | | | | | | | | | | |
| 37 | .4 | 2.4 | .6 | .2 | | | | | | | | | | | | | | 70 | 70 | 57 | 83 | | | | | | | | | | | | | | | | | |
| 35 | | .2 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 41 | 60 | | | | | | | | | | | | | | | | | |
| 33 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 14 | 44 | | | | | | | | | | | | | | | | | |
| 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 25 | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3.5 | 50.6 | 34.0 | 6.3 | 1.1 | 2.7 | 1.1 | .7 | | | | | | | | | | 546 | 546 | 546 | 546 | | | | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 5526485 | 67324 | 82.2 | 13.272 | 846 | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | |
| Dry Bulb | 1205187 | 39909 | 47.2 | 5.164 | 846 | | .1 | | | | | 24 |
| Wet Bulb | 1667219 | 77521 | 44.4 | 5.231 | 846 | | .7 | | | | | 24 |
| Dew Point | 1465206 | 34672 | 41.0 | 7.241 | 846 | | 7.7 | | | | | 24 |

2

74-62

YEARS

15 MONTH

HOURS 11 5 7

REVISED PREVIOUS EDITIONS OF THIS FILM ARE OBSOLETE

0.26.5 (OL A)

USAFETAC FORM
PL 64

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_s | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|------------------|------------------|------------------|------------------|------------------|-------|
| Rel. Hum. | | | | | | $\pm 0^\circ F$ | $\pm 32^\circ F$ | $\pm 67^\circ F$ | $\pm 73^\circ F$ | $\pm 80^\circ F$ | $\pm 93^\circ F$ | |
| Dry Bulb | 5646.06 | 563.86 | 6.00 | 13.100 | 346 | | | | | | | |
| Wet Bulb | 1022.74 | 367.94 | 45.8 | 5.336 | 46 | | | | | | | |
| Dew Point | 1062.35 | 365.41 | 47.2 | 5.396 | 46 | | | | | | | |
| | 1345.33 | 737.2 | 39.2 | 7.296 | 46 | | | | | | | |

SECRET
 AUTHORITY: 25-11017-1A

PSYCHROMETRIC SUMMARY

7410 13 APR 68

74-82

152

STATION

STATION NAME

YEARS

MONTH

24. - ,

7-1-52
HOURS 11.5. T.

[illegible]

CENTRAL CLIMATOLOGY BRANCH
METAC
FATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

19 16 TRAVIS AFB CA
STATION STATION NAME

74-63

YEARS

553

29. 2

~~SECRET~~

[illegible]

USAFETAC
FORM
JAN 64
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FFC
MONTH

YEARS

STATION

STATION NAME

MONITOR

PAGE 1 100-44-
HOURS 11 5 7

USAFETAC
FORM
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
METEOR
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4-16-
STAY ON

LEAVIS AFB CA

STATION NAME

24-57

YEARS

15 MONTH

PAGE 1

~~15-17-17~~
MOUSE 11-3-17

[illegible]

YEARS

| | |
|---------|---------------|
| 14 16 | IRAVIS AFB CA |
| STATION | STATION NAME |

74-83

750
MONTH

1000

1955-1713
HOURS 11-5-17

0-26.5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

74-87

YEARS

FILE
MONTH

PAGE 1 ~~1860-20-0~~
HOURS (L. S. J.)

[illegible]

PSYCHROMETRIC SUMMARY

74-57

_____ MONTH

245:

01 0-2700
HOURS 11.5.7.

[illegible]

METEOROLOGICAL CLIMATOLOGY BRANCH
 METEOROLOGICAL
 AND WEATHER SERVICE / PAC

PSYCHROMETRIC SUMMARY

| | | | |
|---------|---------------|-------|-------|
| 14516 | IRANIS AFB CA | 74-83 | FE |
| STATION | STATION NAME | YEARS | MONTH |

PAGE NO.

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------|
| 74 16 | TRAVIS AFB CA |
| STATION | STATION NAME |

74-87

YEARS

752
MONTH

PAGE 4

MOUSE 11.5 3.7

[illegible]

GENERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

24-16-
STAT 2M

TRANIS AFB CA

STATION NAME

74-87

YEARS

MONTH

FL 3

~~2125-12~~
NOUNS 11, 5, 7

[illegible]

PSYCHROMETRIC SUMMARY

24-16
STAT.

DAVIS AFB CA

74-17

YEARS

MONITORING

PAGE 1 1516-050
HOURS 1 5 7

[illegible]

CLIMATE CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

14-1b STATION TRAVIS AFB CA STATION NAME

74-82

YEARS

MA
MONTH

44. 7

~~SECRET~~
HQS 5 11 57

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FROM

USAFETYAC

| Element (X) | $Z_{K'}$ | Z_K | \bar{X} | σ_s | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------|--------|-----------|------------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 55.137 | 725.93 | 78.104 | 66 | 930 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | |
| Dry Bulb | 2167257 | 441.33 | 48.0 | 5.265 | 930 | | 4 | | | | | 93 |
| Wet Bulb | 188396 | 41.22 | 44.0 | 5.250 | 930 | | 0 | | | | | 93 |
| Dew Point | 115478 | 381.42 | 41.0 | 7.421 | 931 | | 13.3 | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------|
| 14-16 | TRAVIS AFB CA |
| STATION | STATION NAME |

711-93

YEARS

— P —

PAGE 1 74-1117
HOURS: 5.1

2

74-62

YEARS

MONY

Page 1 1-1-4
MOUSE - 5-7

USAFETAC FORM 026-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

16-16- TRAVIS AFB CA
STATION NAME

YEARS MONTH

PAGE 1 ~~SECRET~~
HOURS 11.5.71

[illegible]

USAFETAC FORM 026-5 (OL A) RE-SEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
CLIMATE SERVICE

PSYCHROMETRIC SUMMARY

STATION: TONKIN AIR BASE STATION NAME: YEARS: MONTH: DATE: 11-10-2000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| / 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| / 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| / 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| / 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| / 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | </ | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σx | Σx^2 | R | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-------|------------|----------|------------------------------------|------------|------------|------------|------------|------------|-------|
| Rel. Hum. | 467.5 | 6971.6 | 75.21 | 4.95 | 63 | $\pm 0 F$ | $\pm 32 F$ | $\pm 67 F$ | $\pm 73 F$ | $\pm 80 F$ | $\pm 93 F$ | |
| Dry Bulb | 3286.5 | 4737 | 50.5 | 4.01 | 63 | | | .2 | | | | 93 |
| Wet Bulb | 2524.5 | 4344 | 46.7 | 4.01 | 63 | | | | | | | 93 |
| Dew Point | 1720.5 | 3979 | 42.4 | 7.42 | 63 | | | | | | | 93 |

USAFETAC FORM 0-26.5 (OLAI) 8-70 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

24010 LANGLEY AFB CA
STATION STATION NAME

YEARS

— **MONTH**

[illegible]

• 726

4. FATHOM SF 11 / AC

PSYCHROMETRIC SUMMARY

6 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 10

STAT 304

STATION NAME

74-100

YEARS

५११ -

MONTANA

1 2 3 4

414

HOURS: 11:30-1:30

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|----------------|------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| Y.L. | 1.42 | .2 | 1.5 | 17.5 | 5.7 | 6.4 | 4.4 | 1.7 | 1.7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 74.4 | 74.4 | 74.4 |
| Element (X) | Z _x | Z _y | X | Y | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum. | 3 85 744 | 520816 | 79.5 | 17.64 | 7440 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | Total | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 2141 375 | 395649 | 53.8 | 7.131 | 7440 | | 7 | 29.0 | 4.0 | | | 744 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 17414655 | 39741 | 4° | 5.082 | 7440 | | 1.0 | | | | | 744 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 13246572 | 316626 | 42.6 | 7.089 | 7440 | | 62.4 | | | | | 744 | | | | | | | | | | | | | | | | | | | | | | | | | |

2
1
GENERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE 740

PSYCHROMETRIC SUMMARY

14-18-1964 STATION NAME: IRRAWADDI RIVER MONTH: 12-1964 YEARS: 24-80
STATION: 0265 (OLA) HOURS: 0000-2400

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL
Dry Bulb | TOTAL
Wet Bulb | Dew Point | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|-------------------|-------------------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | | | 31 |
| 1 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 2 / 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 3 / 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 4 / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 5 / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 6 / 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 7 / 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | |
| 8 / 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | |
| 9 / 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | |
| 10 / 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | | |
| 11 / 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 12 / 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 145 | 145 | | |
| 13 / 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 134 | 134 | | |
| 14 / 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 149 | 149 | | |
| 15 / 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 115 | 115 | | |
| 16 / 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 17 / 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 56 | 56 | | |
| 18 / 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | | |
| 19 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| 20 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 21 / 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 22 / 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 / 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC FORM 0265 (OLA) RE-100 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY - ANCHORAGE
ALASKA
RECEIVED - SERVICE 7/10

PSYCHROMETRIC SUMMARY

74-10-
STATION
TEAMS ALL LA
STATION NAME

24-62

YEARS

2004

A . . .

NOV 1965

[illegible]

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 100. CLIMATE

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MANIT

11-15-14

[illegible]

AL CLIMATELOGY - ARCH

1997

DT: 000000 / AC

PSYCHROMETRIC SUMMARY

26
STAY

7-4-25 AMM CA

STATION NAME

1992

YEARS

MONTH

1 - 2
MOJAS : S.

[illegible]

GENERAL CLIMATELOGY & ANCH
POLICE
CIVILIAN & POLICE / 1960

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

44

11-1-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-

[illegible]

2

JOINT CLIMATE LOGISTICS BRANCH
 STATION SERVICE CARD

PSYCHROMETRIC SUMMARY

STATION NAME 14155 AED, CA

YEARS

MONTH

HOURS

| Temp
°F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. Dry Bulb | TOTAL
Wet Bulb Dew Point |
|------------|-------------------------------------|---|------------|---|-----------|---|-------|---|----------|---|--|----|----|----|----|----|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|-----------------------------|-----------------------------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element | Σx^2 | | Σx | | \bar{x} | | s^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | ≤ 0 F ≤ 32 F ≤ 67 F ≤ 73 F ≤ 80 F ≤ 93 F | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0265 (OLA) 8-1-77

AL CLIMATOLOGY - ANCH
STAT
STAT - 0.0000 / 00

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | 10 |
| 11 | 11 |
| 12 | 12 |
| 13 | 13 |
| 14 | 14 |
| 15 | 15 |
| 16 | 16 |
| 17 | 17 |
| 18 | 18 |
| 19 | 19 |
| 20 | 20 |
| 21 | 21 |
| 22 | 22 |
| 23 | 23 |
| 24 | 24 |
| 25 | 25 |
| 26 | 26 |
| 27 | 27 |
| 28 | 28 |
| 29 | 29 |
| 30 | 30 |
| 31 | 31 |
| 32 | 32 |
| 33 | 33 |
| 34 | 34 |
| 35 | 35 |
| 36 | 36 |
| 37 | 37 |
| 38 | 38 |
| 39 | 39 |
| 40 | 40 |
| 41 | 41 |
| 42 | 42 |
| 43 | 43 |
| 44 | 44 |
| 45 | 45 |
| 46 | 46 |
| 47 | 47 |
| 48 | 48 |
| 49 | 49 |
| 50 | 50 |
| 51 | 51 |
| 52 | 52 |
| 53 | 53 |
| 54 | 54 |
| 55 | 55 |
| 56 | 56 |
| 57 | 57 |
| 58 | 58 |
| 59 | 59 |
| 60 | 60 |
| 61 | 61 |
| 62 | 62 |
| 63 | 63 |
| 64 | 64 |
| 65 | 65 |
| 66 | 66 |
| 67 | 67 |
| 68 | 68 |
| 69 | 69 |
| 70 | 70 |
| 71 | 71 |
| 72 | 72 |
| 73 | 73 |
| 74 | 74 |
| 75 | 75 |
| 76 | 76 |
| 77 | 77 |
| 78 | 78 |
| 79 | 79 |
| 80 | 80 |
| 81 | 81 |
| 82 | 82 |
| 83 | 83 |
| 84 | 84 |
| 85 | 85 |
| 86 | 86 |
| 87 | 87 |
| 88 | 88 |
| 89 | 89 |
| 90 | 90 |
| 91 | 91 |
| 92 | 92 |
| 93 | 93 |
| 94 | 94 |
| 95 | 95 |
| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

YEARS



1. James M. Smith

| Temp
F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 101.4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

[illegible]

YEARS

10
STATION

STATION NAME

10-1

MONTH

HOUS 5

[illegible]

NATIONAL CLIMATE DATA CENTER
 5200 AUTHORITY DRIVE
 GREENBELT, MARYLAND 20740

PSYCHROMETRIC SUMMARY

| STATION | LEAVES AIR CTR | STATION NAME |
|---------|----------------|--------------|
| 1010 | 1010 | 1010 |
| 1020 | 1020 | 1020 |
| 1030 | 1030 | 1030 |
| 1040 | 1040 | 1040 |
| 1050 | 1050 | 1050 |
| 1060 | 1060 | 1060 |
| 1070 | 1070 | 1070 |
| 1080 | 1080 | 1080 |
| 1090 | 1090 | 1090 |
| 1100 | 1100 | 1100 |
| 1110 | 1110 | 1110 |
| 1120 | 1120 | 1120 |
| 1130 | 1130 | 1130 |
| 1140 | 1140 | 1140 |
| 1150 | 1150 | 1150 |
| 1160 | 1160 | 1160 |
| 1170 | 1170 | 1170 |
| 1180 | 1180 | 1180 |
| 1190 | 1190 | 1190 |
| 1200 | 1200 | 1200 |
| 1210 | 1210 | 1210 |
| 1220 | 1220 | 1220 |
| 1230 | 1230 | 1230 |
| 1240 | 1240 | 1240 |
| 1250 | 1250 | 1250 |
| 1260 | 1260 | 1260 |
| 1270 | 1270 | 1270 |
| 1280 | 1280 | 1280 |
| 1290 | 1290 | 1290 |
| 1300 | 1300 | 1300 |
| 1310 | 1310 | 1310 |
| 1320 | 1320 | 1320 |
| 1330 | 1330 | 1330 |
| 1340 | 1340 | 1340 |
| 1350 | 1350 | 1350 |
| 1360 | 1360 | 1360 |
| 1370 | 1370 | 1370 |
| 1380 | 1380 | 1380 |
| 1390 | 1390 | 1390 |
| 1400 | 1400 | 1400 |
| 1410 | 1410 | 1410 |
| 1420 | 1420 | 1420 |
| 1430 | 1430 | 1430 |
| 1440 | 1440 | 1440 |
| 1450 | 1450 | 1450 |
| 1460 | 1460 | 1460 |
| 1470 | 1470 | 1470 |
| 1480 | 1480 | 1480 |
| 1490 | 1490 | 1490 |
| 1500 | 1500 | 1500 |
| 1510 | 1510 | 1510 |
| 1520 | 1520 | 1520 |
| 1530 | 1530 | 1530 |
| 1540 | 1540 | 1540 |
| 1550 | 1550 | 1550 |
| 1560 | 1560 | 1560 |
| 1570 | 1570 | 1570 |
| 1580 | 1580 | 1580 |
| 1590 | 1590 | 1590 |
| 1600 | 1600 | 1600 |
| 1610 | 1610 | 1610 |
| 1620 | 1620 | 1620 |
| 1630 | 1630 | 1630 |
| 1640 | 1640 | 1640 |
| 1650 | 1650 | 1650 |
| 1660 | 1660 | 1660 |
| 1670 | 1670 | 1670 |
| 1680 | 1680 | 1680 |
| 1690 | 1690 | 1690 |
| 1700 | 1700 | 1700 |
| 1710 | 1710 | 1710 |
| 1720 | 1720 | 1720 |
| 1730 | 1730 | 1730 |
| 1740 | 1740 | 1740 |
| 1750 | 1750 | 1750 |
| 1760 | 1760 | 1760 |
| 1770 | 1770 | 1770 |
| 1780 | 1780 | 1780 |
| 1790 | 1790 | 1790 |
| 1800 | 1800 | 1800 |
| 1810 | 1810 | 1810 |
| 1820 | 1820 | 1820 |
| 1830 | 1830 | 1830 |
| 1840 | 1840 | 1840 |
| 1850 | 1850 | 1850 |
| 1860 | 1860 | 1860 |
| 1870 | 1870 | 1870 |
| 1880 | 1880 | 1880 |
| 1890 | 1890 | 1890 |
| 1900 | 1900 | 1900 |
| 1910 | 1910 | 1910 |
| 1920 | 1920 | 1920 |
| 1930 | 1930 | 1930 |
| 1940 | 1940 | 1940 |
| 1950 | 1950 | 1950 |
| 1960 | 1960 | 1960 |
| 1970 | 1970 | 1970 |
| 1980 | 1980 | 1980 |
| 1990 | 1990 | 1990 |
| 2000 | 2000 | 2000 |

YEARS

MONTE

1994

| Temp.
°F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|---------------|--------------------|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. Wet Bulb | Wet Bulb Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1942

YEARS

| STATION | STATION NAME |
|---------|--------------|
|---------|--------------|

2-5-5

2007

NOUVEAU S

USAFETAC FORM 0265 (OLA) 08-112 000-00-100-0000 000-000 000-000 000-000

FEDERAL CLIMATOLOGY BRANCH
METAC
ALBUQUERQUE STATION

PSYCHROMETRIC SUMMARY

14-16- TRANS AFB CA STATION NAME

YEARS

MON

USAFETAC
FORM
JUL 64
0-265 (OL A)
REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

[illegible]

PHYSICAL CLIMATOLOGY - ARCH
STATION
DATE: 1978. 10. 10

PSYCHROMETRIC SUMMARY

10 16 STATION NAME 74-81 YEARS MONTH DAY
 306-8510
 HOURS MIN. SEC.

[illegible]

• TAC

1. STATE OF TEXAS

PSYCHROMETRIC SUMMARY

| STATION | TRAIN AGE | STATION NAME |
|---------|--------------|--------------|
| 14.10 | TRAIN AGE 22 | |

24-2

YEARS

— **MONTE**

MOUSE 1 5 T

[illegible]

PSYCHROMETRIC SUMMARY

STATION STATION NAME

YEARS

MONTE

— 100 —

[illegible]

YEARS

| STATION | INSTRUMENT | STATION NAME |
|---------|------------|--------------|
| 1 | 1000 | 1000 |
| 2 | 1000 | 1000 |
| 3 | 1000 | 1000 |
| 4 | 1000 | 1000 |
| 5 | 1000 | 1000 |
| 6 | 1000 | 1000 |
| 7 | 1000 | 1000 |
| 8 | 1000 | 1000 |
| 9 | 1000 | 1000 |
| 10 | 1000 | 1000 |
| 11 | 1000 | 1000 |
| 12 | 1000 | 1000 |
| 13 | 1000 | 1000 |
| 14 | 1000 | 1000 |
| 15 | 1000 | 1000 |
| 16 | 1000 | 1000 |
| 17 | 1000 | 1000 |
| 18 | 1000 | 1000 |
| 19 | 1000 | 1000 |
| 20 | 1000 | 1000 |
| 21 | 1000 | 1000 |
| 22 | 1000 | 1000 |
| 23 | 1000 | 1000 |
| 24 | 1000 | 1000 |
| 25 | 1000 | 1000 |
| 26 | 1000 | 1000 |
| 27 | 1000 | 1000 |
| 28 | 1000 | 1000 |
| 29 | 1000 | 1000 |
| 30 | 1000 | 1000 |
| 31 | 1000 | 1000 |
| 32 | 1000 | 1000 |
| 33 | 1000 | 1000 |
| 34 | 1000 | 1000 |
| 35 | 1000 | 1000 |
| 36 | 1000 | 1000 |
| 37 | 1000 | 1000 |
| 38 | 1000 | 1000 |
| 39 | 1000 | 1000 |
| 40 | 1000 | 1000 |
| 41 | 1000 | 1000 |
| 42 | 1000 | 1000 |
| 43 | 1000 | 1000 |
| 44 | 1000 | 1000 |
| 45 | 1000 | 1000 |
| 46 | 1000 | 1000 |
| 47 | 1000 | 1000 |
| 48 | 1000 | 1000 |
| 49 | 1000 | 1000 |
| 50 | 1000 | 1000 |
| 51 | 1000 | 1000 |
| 52 | 1000 | 1000 |
| 53 | 1000 | 1000 |
| 54 | 1000 | 1000 |
| 55 | 1000 | 1000 |
| 56 | 1000 | 1000 |
| 57 | 1000 | 1000 |
| 58 | 1000 | 1000 |
| 59 | 1000 | 1000 |
| 60 | 1000 | 1000 |
| 61 | 1000 | 1000 |
| 62 | 1000 | 1000 |
| 63 | 1000 | 1000 |
| 64 | 1000 | 1000 |
| 65 | 1000 | 1000 |
| 66 | 1000 | 1000 |
| 67 | 1000 | 1000 |
| 68 | 1000 | 1000 |
| 69 | 1000 | 1000 |
| 70 | 1000 | 1000 |
| 71 | 1000 | 1000 |
| 72 | 1000 | 1000 |
| 73 | 1000 | 1000 |
| 74 | 1000 | 1000 |
| 75 | 1000 | 1000 |
| 76 | 1000 | 1000 |
| 77 | 1000 | 1000 |
| 78 | 1000 | 1000 |
| 79 | 1000 | 1000 |
| 80 | 1000 | 1000 |
| 81 | 1000 | 1000 |
| 82 | 1000 | 1000 |
| 83 | 1000 | 1000 |
| 84 | 1000 | 1000 |
| 85 | 1000 | 1000 |
| 86 | 1000 | 1000 |
| 87 | 1000 | 1000 |
| 88 | 1000 | 1000 |
| 89 | 1000 | 1000 |
| 90 | 1000 | 1000 |
| 91 | 1000 | 1000 |
| 92 | 1000 | 1000 |
| 93 | 1000 | 1000 |
| 94 | 1000 | 1000 |
| 95 | 1000 | 1000 |
| 96 | 1000 | 1000 |
| 97 | 1000 | 1000 |
| 98 | 1000 | 1000 |
| 99 | 1000 | 1000 |
| 100 | 1000 | 1000 |

1993

$$\frac{1}{HO-IR5} = \frac{1}{5}$$

JSAFETAC FORM
REV. 04 0.26.5 (C.A.) BE - SECURE - PLUS FOR QUALITY OF TRAFFIC AND SAFETY

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-21-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element | Σ x' | Σ x | x̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|---------|-------|-------|----------------|----------|------------------------------------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | |
| Re. Max | 1771.0 | 2122 | 41.13 | 2.8 | 23 | | | | | | |
| Dry Bulb | 1116.2 | 1146 | 23.71 | 3 | 15 | | | 71.6 | 67.4 | 22.2 | 2.6 |
| Wet Bulb | 1207.1 | 1423 | 69.1 | 1 | 23 | | | 6.9 | | | |
| Dew Point | 211.371 | 450.5 | 2.77 | 202 | 23 | | 3.1 | | | | |

2
1

CLIMATE BUREAU
ANCHORAGE
ALASKA DEPT. OF AGRICULTURE

PSYCHROMETRIC SUMMARY

STATION NAME: ANCHORAGE, ALASKA

YEARS: 1941-1942

MONTH: 1

PERIOD: 1941-1942

| Temp
(F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL
D.B. W.B. Dr. P. | TOTAL
Wet Bulb Dew Point |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------------------|-----------------------------|
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σ x ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σ x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \bar{x} | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| s _x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. Obs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0265 (O.C.A.) 8-54-54

2

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
NATIONAL SERVICE/AC

PSYCHROMETRIC SUMMARY

STATION 1. ABIS AF, CA STATION NAME 74-01 YEARS MONTH HOURS

| Temp
(F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL
D.B. W.B. Dry Bulb | TOTAL
Wet Bulb Dew Point |
|-------------|----------|--------|--------|----|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------------------|-----------------------------|
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 76 |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 77 |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 78 |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 82 |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 83 |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 87 |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 88 |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 89 |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 92 |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 93 |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94 |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 96 |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 97 |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98 |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99 |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 |
| Element (X) | Σ X' | Σ X | Σ | Σ | No. Obs. | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 22430721 | 406661 | 57.218 | 10 | 7435 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 36209671 | 467233 | 62.211 | 90 | 7435 | | | 248.0 | 144.0 | 63.4 | 5.6 | 744 | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 217 09 5 | 400137 | 53.2 5 | 11 | 7435 | | | 15.1 | | | | 744 | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 150227.3 | 340041 | 45.8 6 | 82 | 7435 | | | 31.1 | 1 | | | 744 | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26 5 (OL A) 10-60 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

[illegible]

NOISE

[illegible]

YEARS

MONITOR

NO. 10

USAFETAC

FORM

0 26 5 (OL A)

REPLACES EDITIONS OF THIS FORM ARE OBSOLETE

JOURNAL OF CLIMATE VOL. 15, NO. 12, 2002

• 125

AT - 100-100000

| STATION | INFLUENCE | STATION NAME |
|---------|-----------|--------------|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |
| 5 | 5 | 5 |
| 6 | 6 | 6 |
| 7 | 7 | 7 |
| 8 | 8 | 8 |
| 9 | 9 | 9 |
| 10 | 10 | 10 |
| 11 | 11 | 11 |
| 12 | 12 | 12 |
| 13 | 13 | 13 |
| 14 | 14 | 14 |
| 15 | 15 | 15 |
| 16 | 16 | 16 |
| 17 | 17 | 17 |
| 18 | 18 | 18 |
| 19 | 19 | 19 |
| 20 | 20 | 20 |
| 21 | 21 | 21 |
| 22 | 22 | 22 |
| 23 | 23 | 23 |
| 24 | 24 | 24 |
| 25 | 25 | 25 |
| 26 | 26 | 26 |
| 27 | 27 | 27 |
| 28 | 28 | 28 |
| 29 | 29 | 29 |
| 30 | 30 | 30 |
| 31 | 31 | 31 |
| 32 | 32 | 32 |
| 33 | 33 | 33 |
| 34 | 34 | 34 |
| 35 | 35 | 35 |
| 36 | 36 | 36 |
| 37 | 37 | 37 |
| 38 | 38 | 38 |
| 39 | 39 | 39 |
| 40 | 40 | 40 |
| 41 | 41 | 41 |
| 42 | 42 | 42 |
| 43 | 43 | 43 |
| 44 | 44 | 44 |
| 45 | 45 | 45 |
| 46 | 46 | 46 |
| 47 | 47 | 47 |
| 48 | 48 | 48 |
| 49 | 49 | 49 |
| 50 | 50 | 50 |
| 51 | 51 | 51 |
| 52 | 52 | 52 |
| 53 | 53 | 53 |
| 54 | 54 | 54 |
| 55 | 55 | 55 |
| 56 | 56 | 56 |
| 57 | 57 | 57 |
| 58 | 58 | 58 |
| 59 | 59 | 59 |
| 60 | 60 | 60 |
| 61 | 61 | 61 |
| 62 | 62 | 62 |
| 63 | 63 | 63 |
| 64 | 64 | 64 |
| 65 | 65 | 65 |
| 66 | 66 | 66 |
| 67 | 67 | 67 |
| 68 | 68 | 68 |
| 69 | 69 | 69 |
| 70 | 70 | 70 |
| 71 | 71 | 71 |
| 72 | 72 | 72 |
| 73 | 73 | 73 |
| 74 | 74 | 74 |
| 75 | 75 | 75 |
| 76 | 76 | 76 |
| 77 | 77 | 77 |
| 78 | 78 | 78 |
| 79 | 79 | 79 |
| 80 | 80 | 80 |
| 81 | 81 | 81 |
| 82 | 82 | 82 |
| 83 | 83 | 83 |
| 84 | 84 | 84 |
| 85 | 85 | 85 |
| 86 | 86 | 86 |
| 87 | 87 | 87 |
| 88 | 88 | 88 |
| 89 | 89 | 89 |
| 90 | 90 | 90 |
| 91 | 91 | 91 |
| 92 | 92 | 92 |
| 93 | 93 | 93 |
| 94 | 94 | 94 |
| 95 | 95 | 95 |
| 96 | 96 | 96 |
| 97 | 97 | 97 |
| 98 | 98 | 98 |
| 99 | 99 | 99 |
| 100 | 100 | 100 |

1-2-

YEARS

MINA

PSYCHROMETRIC SUMMARY

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 114 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 114 | 114 | 114 | 114 |
| 115 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 115 | 115 | 115 | 115 |
| 116 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 116 | 116 | 116 | 116 |
| 117 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 117 | 117 | 117 | 117 |
| 118 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 118 | 118 | 118 | 118 |
| 119 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 119 | 119 | 119 | 119 |
| 120 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 120 | 120 | 120 | 120 |
| 121 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 121 | 121 | 121 | 121 |
| 122 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 122 | 122 | 122 | 122 |
| 123 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 123 | 123 | 123 | 123 |
| 124 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 124 | 124 | 124 | 124 |
| 125 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 125 | 125 | 125 | 125 |
| 126 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | | | | | | | | | | | | | | | | | | | | |

AL ULTIMATUM ARCH

PSYCHROMETRIC SUMMARY

STATION

1. *Massachusetts* 100

STATION NAME

YEARS

MONY

NOV 5 1964

[illegible]

PSYCHROMETRIC SUMMARY

STATION IN ALC ARE CA STATION NAME

74-11

YEARS

MONTH

15 - 17
HOURS

[illegible]

| | | | | |
|---------|--------------|-------|--|-------|
| 4 10 | 14 JUL 54 | 75-37 | | |
| STATION | STATION NAME | YEARS | | MONTH |

NOV 15 1955

[illegible]

2

11



YEARS

MONT.

2 1 2 3
HOURS 3 7

USAFETAC FORM 026.5 (OLA) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE PROHIBITED

6

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A. J. FATHER, DIRECTOR / AC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 416 | TRAIL AFB CA | 24-83 | 1 |

[illegible]

PSYCHROMETRIC SUMMARY

4-5

YEARS

MONTH

15-00000
HOURS L S T

[illegible]

2

U.S. AIR FORCE CLIMATE DIVISION

CLIMATE DATA SUMMARY

PSYCHROMETRIC SUMMARY

STATION: LAKE MEAD, AZ STATION NAME: LAKE MEAD YEARS: 1954-1955 MONTH: 1955

| Temp (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|------------------------------------|---|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--------------------------|--------------------------|
| 1 | | | | | | | | | | | | | | | | | | | |
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| 31 | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | |
| Mean | | | | | | | | | | | | | | | | | | | |
| Max | | | | | | | | | | | | | | | | | | | |
| Min | | | | | | | | | | | | | | | | | | | |
| Range | | | | | | | | | | | | | | | | | | | |
| Std Dev | | | | | | | | | | | | | | | | | | | |
| Coef Var | | | | | | | | | | | | | | | | | | | |
| Skewness | | | | | | | | | | | | | | | | | | | |
| Kurtosis | | | | | | | | | | | | | | | | | | | |
| Prob Index | | | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | |
| Element X | | | | | | | | | | | | | | | | | | | |
| Σ x ² | | | | | | | | | | | | | | | | | | | |
| Σ x | | | | | | | | | | | | | | | | | | | |
| Σ | | | | | | | | | | | | | | | | | | | |
| No. Obs. | | | | | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| 0 F | | | | | | | | | | | | | | | | | | | |
| 32 F | | | | | | | | | | | | | | | | | | | |
| 67 F | | | | | | | | | | | | | | | | | | | |
| 73 F | | | | | | | | | | | | | | | | | | | |
| 80 F | | | | | | | | | | | | | | | | | | | |
| 93 F | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0265 (10-61) PREPARED BY STATION (10-61) AND 10-61

CENTRAL CLIMATE DIVISION - WASH.

ST. J. ...

PSYCHROMETRIC SUMMARY

STATION STATION NAME

74-62 - - - - - YEARS

MCN

MOJRS 5 1 1

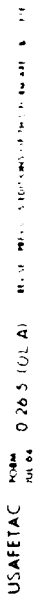
[illegible]

2

1000

YEARS

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ALLEGATY LUY

PSYCHROMETRIC SUMMARY

5747 ON NAME

VF 495

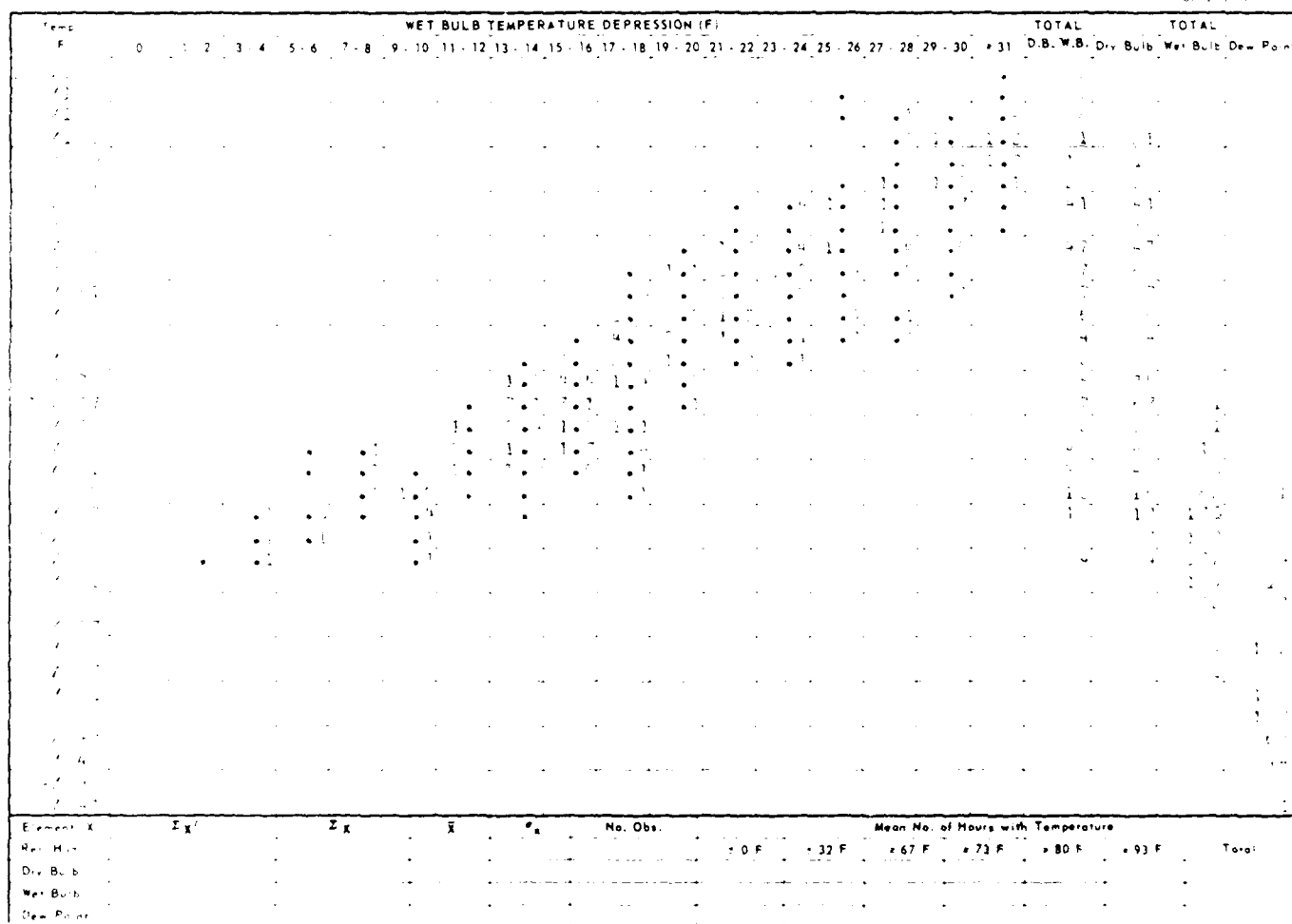
515

[illegible]

S'A' ON NAME

YEARS

44



DATE _____

PSYCHROMETRIC SUMMARY

5. 2. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 8

104-22-25

STATION NAME

7-22

YFARS

م. ب. ع.

NO. 185

[illegible]

PSYCHROMETRIC SUMMARY

STATION T 3115 APT CA STATION NAME LA-97 YEARS 1957 MONTH 1

NO. 15

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-11-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

- 4 - 16 - in. A. A. L. L. C. STATION NAME

7-57

YEARS

11

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTE

HOURS : 5.7

[illegible]

[illegible]

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETYAC

GENERAL CLIMATELOGY & ANCH
TIC
S. L. PATER, SERVICE, BC

PSYCHROMETRIC SUMMARY

16 11:55 AM CA
STATION

STATION NAME

YEARS

MONTH

MOUSE

[illegible]

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1.000000 |
| 2 | 2.000000 |
| 3 | 3.000000 |
| 4 | 4.000000 |
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| 96 | 96.000000 |
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PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
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| 46 | 46.000000 |
| 47 | 47.000000 |
| 48 | 48.000000 |
| 49 | 49.000000 |
| 50 | 50.000000 |
| 51 | 51.000000 |
| 52 | 52.000000 |
| 53 | 53.000000 |
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| 56 | 56.000000 |
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| 58 | 58.000000 |
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| 60 | 60.000000 |
| 61 | 61.000000 |
| 62 | 62.000000 |
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| 64 | 64.000000 |
| 65 | 65.000000 |
| 66 | 66.000000 |
| 67 | 67.000000 |
| 68 | 68.000000 |
| 69 | 69.000000 |
| 70 | 70.000000 |
| 71 | 71.000000 |
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| 95 | 95.000000 |
| 96 | 96.000000 |
| 97 | 97.000000 |
| 98 | 98.000000 |
| 99 | 99.000000 |
| 100 | 100.000000 |

74-2, 7

YEARS

...

6 A. 1.

~~NOUAS~~

[illegible]

PSYCHROMETRIC SUMMARY

STATION TRANS AT CA STATION NAME

74-2-1

YEARS

MONY

25-6-62

[illegible]

CLINICAL CLIMATOLOGY - ARCH

- 2726

SECRET / A

4-16
STA

11-2-56

STATION NAME

74-21

YEARS

MONTH

PSYCHROMETRIC SUMMARY

22. 1

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AD-A137 581

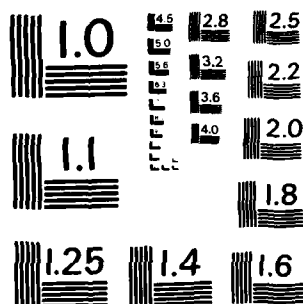
515
TRAVIS AIR FORCE BASE CALIFORNIA REVISED UNIFORM
SUMMARY OF SURFACE WEATH. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 19 DEC 83
UNSAFETAC/DS-83/052 581-AD-E850 505 F/G 4/2

UNCLASSIFIED

NL

END

DATE
FILMED
3 84
DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

214

YEARS

74-33

20
MONTH

PAGE 7

1500-1700
HOURS (L.S.T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AND
MONTH

PAGE 1 2100-2300
HOURS (L-S-T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 47 83 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | | | | | | | | | | | |
| 47 81 | | | | | | | | | | .1 | | .2 | | | | | | 2 | 3 | | | | | | | | | | | | |
| 47 79 | | | | | | | | | .1 | .1 | | | | | | | | 4 | 4 | | | | | | | | | | | | |
| 7 77 | | | | | | | .1 | | .6 | .4 | | | | | | | | 11 | 11 | | | | | | | | | | | | |
| 47 75 | | | | | | .5 | 1.3 | | .2 | .2 | | | | | | | | 19 | 19 | | | | | | | | | | | | |
| 47 73 | | | | | .1 | 1.1 | .1 | | .4 | | | | | | | | | 23 | 23 | | | | | | | | | | | | |
| 27 71 | | | | | .2 | 1.3 | 1.5 | | .1 | .1 | | | | | | | | 40 | 40 | | | | | | | | | | | | |
| 7 69 | | | | .2 | .4 | 2.2 | 1.2 | | .1 | | | | | | | | | 43 | 43 | | | | | | | | | | | | |
| 47 67 | | .1 | .6 | 3.7 | 2.9 | .6 | .2 | | | | | | | | | | | 70 | 70 | | | | | | | | | | | | |
| 47 65 | | .6 | 4.2 | 4.4 | 1.4 | .4 | | | | | | | | | | | | 103 | 103 | 4 | | | | | | | | | | | |
| 47 63 | | 2.8 | 8.2 | 6.4 | 1.7 | .1 | | | | | | | | | | | | 178 | 178 | 70 | | | | | | | | | | | |
| 47 61 | | .2 | 5.7 | 11.2 | 2.9 | .4 | | | | | | | | | | | | 190 | 190 | 81 | 1 | | | | | | | | | | |
| 7 59 | 1.3 | 8.7 | 6.6 | 1.0 | | | | | | | | | | | | | | 163 | 167 | 172 | 14 | | | | | | | | | | |
| 7 57 | .8 | 5.1 | 1.5 | | | | | | | | | | | | | | | 60 | 60 | 260 | 52 | | | | | | | | | | |
| 47 55 | .4 | .5 | .1 | | | | | | | | | | | | | | | 10 | 10 | 269 | 123 | | | | | | | | | | |
| 47 53 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 115 | 212 | | | | | | | | | | |
| 47 51 | | | | | | | | | | | | | | | | | | | | 14 | 252 | | | | | | | | | | |
| 47 49 | | | | | | | | | | | | | | | | | | | | 1 | 153 | | | | | | | | | | |
| 47 47 | | | | | | | | | | | | | | | | | | | | 1 | 69 | | | | | | | | | | |
| 47 45 | | | | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | | |
| 47 43 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | |
| 47 41 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| 7 37 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| TOTAL | 2.7 | 23.6 | 32.8 | 18.6 | 11.0 | 5.7 | 3.7 | 1.6 | 1.0 | | .3 | | | | | | | 927 | 927 | 927 | | | | | | | | | | | |

| Element (X) | Σx' | Σx | Σ | Σ ₂ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4223814 | 61542 | 66.4 | 11.977 | 927 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 3797895 | 59165 | 63.8 | 4.045 | 927 | | | 21.5 | 6.1 | .6 | | 93 |
| Wet Bulb | 3030576 | 53002 | 57.2 | 2.575 | 927 | | | | | | | 93 |
| Dew Point | 2509088 | 48136 | 51.9 | 3.211 | 927 | | | | | | | 93 |

PSYCHROMETRIC SUMMARY

YEARS

April
MONTH

ALL

HOURS (L. S. T.)

| Element (X) | Σx^4 | Σx^3 | Σx^2 | Σx | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|--------------|--------------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Num. | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 86 F | ≤ 93 F | Total |
| Dry Bulb | 28184020 | 436096 | 58.6 | 18.54 | 7419 | | | | | | | |
| Wet Bulb | 36632492 | 515566 | 69.4 | 0.74 | 7439 | | | 377.4 | 263.5 | 142.8 | 23.9 | 744 |
| Dew Point | 26499167 | 42027 | 59.6 | 4.68 | 7419 | | | 64.7 | 2.2 | | | 744 |
| | 20601292 | 39070 | 52.6 | 3.53 | 7419 | | | | | | | 744 |

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74-16-1 STATION TRAVIS AFB CA 73-62 YEARS MONTH

PAGE 1 200-0200 HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|-------|----|-----|-------|-----|----|------|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----------|--------------------|-----------|-----|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | |
| 1/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 2/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | |
| 3/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | |
| 4/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 5/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | |
| 6/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | | |
| 7/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | | | |
| 8/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | | | |
| 9/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 | 84 | 10 | | |
| 10/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 135 | 135 | 36 | | |
| 11/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 207 | 207 | 91 | 19 | |
| 12/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 194 | 194 | 156 | 39 | |
| 13/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 105 | 105 | 293 | 102 | |
| 14/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 168 | 191 | |
| 15/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 84 | 218 | |
| 16/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 41 | 181 | |
| 17/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 00 | | |
| 18/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 00 | |
| 19/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 20/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 24/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 26/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | .312 | .941 | .722 | .411 | .9 | 3.6 | 3.3 | 1.0 | .7 | | | | | .3 | .0 | .1 | | | | | | | | | | | | | | | | | 900 | 900 | 900 | 900 | |
| Element (X) | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | Σx | | | |
| Rel. Hum. | 4677626 | | | 66174 | | | 72443 | | | 202 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | |
| Dry Bulb | 3317342 | | | 58898 | | | 6366 | | | 8389 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | |
| Wet Bulb | 272737 | | | 49683 | | | 554 | | | 2773 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | |
| Dew Point | 2368029 | | | 85977 | | | 511 | | | 8677 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | 000 | | | |

USAFETAC FORM 0-26-5 (OLA) 1 JUL 64

2
1GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

7416
STATION

TRAVIS AFB CA

STATION NAME

73-82

YEARS

SEP
MONTH

PAGE 1

0800-0500
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|-------|-----|------|-------|-------|-------|--------|-------|-------|----------|-------|-------|------------------------------------|----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 71 | | | | | | | .1 | | .1 | .2 | .2 | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | |
| 69 | | | | | .2 | .3 | .1 | .1 | .1 | .1 | .1 | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | |
| 67 | | | | .2 | .7 | .4 | .2 | .1 | .1 | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | |
| 65 | | .3 | .9 | 1.3 | 1.4 | .8 | .2 | | | | | | | | | | | | 46 | 46 | | | | | | | | | | | | | | | |
| 63 | | 1.2 | 1.7 | 2.1 | 2.7 | .4 | | | | | | | | | | | | | 66 | 66 | 4 | 1 | | | | | | | | | | | | | |
| 61 | | 1.1 | 3.3 | 4.0 | 1.0 | .1 | .2 | .7 | | | | | | | | | | | 88 | 88 | 2 | 3 | | | | | | | | | | | | | |
| 59 | | 2.1 | 1.1 | 4.4 | .1 | .3 | .3 | | | | | | | | | | | | 157 | 157 | 62 | 15 | | | | | | | | | | | | | |
| 57 | | 7.2 | 11.9 | 2.6 | 1.1 | .3 | | | | | | | | | | | | | 206 | 206 | 151 | 31 | | | | | | | | | | | | | |
| 55 | | 8.0 | 11.6 | 3.1 | .7 | | | | | | | | | | | | | | 210 | 210 | 245 | 54 | | | | | | | | | | | | | |
| 53 | | 2.2 | 5.4 | .8 | | | | | | | | | | | | | | | 76 | 76 | 217 | 167 | | | | | | | | | | | | | |
| 51 | | .2 | .6 | .2 | | | | | | | | | | | | | | | 11 | 11 | 177 | 214 | | | | | | | | | | | | | |
| 49 | | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 72 | 162 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 22.6 | 44.9 | 13.7 | 8.7 | 2.8 | 1.2 | .1 | .2 | .3 | .5 | .2 | | | | | | | | 900 | 900 | 900 | 900 | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 5355234 | | | 68566 | | | 76.2 | | | 212.98 | | | 900 | | | ≤ 0 F | | | | | ≤ 32 F | | | | | | | | | | | | | | |
| Dry Bulb | 31114.8 | | | 52798 | | | 58.7 | | | 3.965 | | | 900 | | | | | | | | ≤ 67 F | | | | | | | | | | | | | | |
| Wet Bulb | 26736.4 | | | 48978 | | | 54.4 | | | 3.24 | | | 900 | | | | | | | | ≤ 73 F | | | | | | | | | | | | | | |
| Dew Point | 23408.2 | | | 45726 | | | 50.8 | | | 4.427 | | | 900 | | | | | | | | ≤ 80 F | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | ≤ 93 F | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | Total | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

4-16
STAT

T: AVIS At 3 CA

73-87

552
MONTH

PAGE 1

750-110
HOURS 11 5 31

[illegible]

PSYCHROMETRIC SUMMARY

74'16 STATION TRAVIS AFB CA STATION NAME

73-82

YEARS

~~50~~
MONTH

PAGE 2 ~~SECRET~~
HOURS (L. S. P.)

[illegible]

YEARS

4-16 7:45:13 AM CA

STATION

STATION NAME

7-2

YEARS

23

MONTH

645

12-1400

HOURS : L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 1 / 9 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | | | | | | | | | | | |
| 2 / 57 | | | | | | | | | | | | | | | | | .2 | .1 | .1 | | | | | | | | | | | | | | | |
| 3 / 61 | | | | | | | | | | | | | | | .4 | 1.3 | .1 | .1 | | | | | | | | | | | | | | | | |
| 4 / 65 | | | | | | | | | | | | | | .6 | 1.2 | 1.1 | .4 | | 34 | 34 | | | | | | | | | | | | | | |
| 5 / 71 | | | | | | | | | | | | | | .7 | 1.1 | 1.4 | .6 | | 3 | 33 | | | | | | | | | | | | | | |
| 6 / 89 | | | | | | | | | | | | | | .6 | 1.2 | 1.8 | 1.4 | .6 | 65 | 67 | | | | | | | | | | | | | | |
| 7 / 37 | | | | | | | | | | .1 | .1 | 1.1 | 1.1 | .7 | .7 | .1 | .3 | | 4 | 47 | | | | | | | | | | | | | | |
| 8 / 35 | | | | | | | | | | .1 | .4 | .2 | 3.5 | 1.4 | 1.1 | .2 | .2 | .3 | 73 | 77 | | | | | | | | | | | | | | |
| 9 / 33 | | | | | | | | | | .8 | 2.1 | 2.7 | 1.3 | .4 | .8 | .1 | | | 75 | 75 | | | | | | | | | | | | | | |
| 10 / 31 | | | | | | | | | | .1 | 2.2 | 2.0 | 1.6 | 1.2 | .1 | .1 | | | 62 | 62 | | | | | | | | | | | | | | |
| 11 / 79 | | | | | | | | .5 | 1.7 | 0.7 | 2.4 | 1.1 | | | | | | | 2 | 37 | | | | | | | | | | | | | | |
| 12 / 77 | | | | | | | .2 | 1.5 | 3.5 | 3.9 | 1.1 | .6 | .1 | .1 | | | | | 57 | 57 | | | | | | | | | | | | | | |
| 13 / 75 | | | | | | | .8 | 2.7 | 4.3 | 1.3 | .4 | .1 | .3 | | | | | | 5 | 46 | | | | | | | | | | | | | | |
| 14 / 73 | | | | | | .2 | 2.1 | 2.8 | 3.1 | .4 | .2 | .1 | | | | | | | 32 | 42 | | | | | | | | | | | | | | |
| 15 / 71 | | | | | .4 | .6 | 2.6 | .4 | | | | | | | | | | | 26 | 35 | | | | | | | | | | | | | | |
| 16 / 69 | | | | | 1.2 | 1.2 | .9 | .1 | | | .1 | | | | | | | | 30 | 32 | | | | | | | | | | | | | | |
| 17 / 67 | | | | .6 | 1.5 | .7 | .7 | | | | | | | | | | | | 20 | 28 | | | | | | | | | | | | | | |
| 18 / 65 | | | .1 | .5 | .2 | .4 | .2 | | | | | | | | | | | | 16 | 17 | | | | | | | | | | | | | | |
| 19 / 63 | | | .6 | .1 | .1 | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | |
| 20 / 61 | | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | |
| 21 / 59 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | |
| 22 / 57 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | |
| 23 / 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 / 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 / 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 / 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 / 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 / 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 / 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 / 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 / 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | Σ X | ̄X | σ _X | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CLIMATE CLIMATOLOGY BRANCH
METAC
A. C. CLIMATE SERVICE / MAC

PSYCHROMETRIC SUMMARY

74-16-
STATION

IRVING, ARK. CA
STATION NAME

75-88
YEARS

MONTH

Page 1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

| STATION | THIS DATE | STATION NAME |
|---------|------------------|--------------|
| 14-44 | 11.41 IS 41.2 CA | |

13-202

YEARS

5
MONT

PAGE 11 ~~15-0-17-0~~
HOURS (L. S. T.)

[illegible]

2

73-82

PAGE 1 136-220
HOURS (L. S. T.)

USAFETYAC
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0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/AL

PSYCHROMETRIC SUMMARY

1416
STATION

THAVIS AFB CA

STATION NAME

23-82

YEARS

~~SECRET~~
MONTH

PAGE

~~CONFIDENTIAL~~

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 77/85 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 77/83 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 77/81 | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| 77/79 | | | | | | | | | | .2 | .1 | | | | | | | | 1 | | | | | | | | | | | | |
| 77/77 | | | | | | | .1 | .1 | .3 | | .1 | .7 | | | | | | 9 | 9 | | | | | | | | | | | | |
| 77/75 | | | | | | | | | .3 | .1 | .1 | | | .1 | | | | 18 | 18 | | | | | | | | | | | | |
| 77/73 | | | | | | | .2 | .1 | 1.1 | .1 | | | | | | | | 18 | 18 | | | | | | | | | | | | |
| 77/71 | | | | .1 | .2 | .8 | 1.2 | 1.1 | .1 | | | | | | | | | 31 | 31 | | | | | | | | | | | | |
| 77/69 | | | | .2 | .5 | 1.4 | 1.7 | .7 | .1 | | | | | | | | | 45 | 45 | | | | | | | | | | | | |
| 77/67 | | | .4 | .9 | 1.4 | 2.6 | 1.2 | .7 | .2 | .7 | | | | | | | | 66 | 66 | | | | | | | | | | | | |
| 67/65 | | .1 | 1.3 | 2.5 | 3.6 | 1.7 | .4 | .4 | .4 | | | | | | | | | 97 | 97 | | | | | | | | | | | | |
| 77/63 | | | 1.3 | 5.4 | 3.7 | 1.6 | .6 | .7 | .2 | | | | | | | | | 122 | 122 | 74 | 2 | | | | | | | | | | |
| 77/61 | | 1.6 | 5.4 | 10.8 | 2.1 | 1.2 | .4 | | | | | | | | | | | 180 | 120 | 75 | 5 | | | | | | | | | | |
| 77/59 | | .9 | 9.7 | 7.1 | 1.7 | .1 | .2 | | | | | | | | | | | 171 | 171 | 116 | 22 | | | | | | | | | | |
| 77/57 | | 1.9 | 5.3 | 2.4 | 1.1 | | | | | | | | | | | | | 97 | 97 | 208 | 40 | | | | | | | | | | |
| 57/55 | | .3 | 1.4 | 1.2 | | .1 | | | | | | | | | | | | 30 | 30 | 242 | 56 | | | | | | | | | | |
| 77/53 | | | .1 | .1 | .2 | .1 | | | | | | | | | | | | 5 | 5 | 136 | 164 | | | | | | | | | | |
| 77/51 | | | | | | | | | | | | | | | | | | | | 69 | 239 | | | | | | | | | | |
| 77/49 | | | | | | | | | | | | | | | | | | | | 74 | 143 | | | | | | | | | | |
| 77/47 | | | | | | | | | | | | | | | | | | | | 2 | 62 | | | | | | | | | | |
| 47/45 | | | | | | | | | | | | | | | | | | | | 4 | 47 | | | | | | | | | | |
| 77/43 | | | | | | | | | | | | | | | | | | | | | 27 | | | | | | | | | | |
| 77/41 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | |
| 47/39 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | |
| 77/37 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | |
| 77/35 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | |
| 37/33 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 77/31 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | |
| 77/29 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 77/27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 77/25 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 27/21 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| TOTAL | | 4.725 | .730 | .714 | .711 | .60 | 6.4 | 4.4 | 1.9 | .6 | .4 | .3 | .3 | .3 | | | | | 900 | 900 | | 900 | | | | | | | | | |
| Element (X) | Σx^2 | Σx | \bar{x} | σ_n | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 4.97624 | 59.60 | 66.0 | 14.145 | 900 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 3056643 | 56851 | 63.1 | 4.925 | 900 | | | 12.8 | 4.6 | .5 | | 50 | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 2169550 | 51744 | 56.4 | 3.73 | 900 | | | | | | | 91 | | | | | | | | | | | | | | | | | | | |
| Dew Point | 2345819 | 45721 | 50.8 | 5.074 | 900 | | | 1.1 | | | | 80 | | | | | | | | | | | | | | | | | | | |

2

●

73-62

YEARS

55 MONTH

PAGE 1

ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (DLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-62

STATION

STATION NAME

YEARS

• 85

MONTH

086-7

A l l

ALL
HOURS (L.S.Y.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| / 31 | | | | | | | | | | | | | | | | | | | | | |
| / 26 | | | | | | | | | | | | | | | | | | | | | |
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| / 23 | | | | | | | | | | | | | | | | | | | | | |
| / 21 | | | | | | | | | | | | | | | | | | | | | |
| TAL | 7.3 | 19.7 | 15.5 | 12.7 | 8.4 | 8.0 | 6.2 | 5.6 | 4.0 | 3.4 | 2.7 | 2.2 | 1.2 | 1.4 | .7 | .3 | | 7199 | 700 | 7199 | |

| Element (X) | Σ X ² | Σ X | X̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------------|--------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 27654963 | 422821 | 58.719 | 798 | 7199 | | | | | | | |
| Dry Bulb | 3419935 | 494606 | 68.110 | 339 | 7200 | | | 336.7 | 2.6 | 117.2 | 14.5 | 740 |
| Wet Bulb | 24752983 | 420795 | 58.5 | 4.666 | 7199 | | | 33.6 | .2 | | | 740 |
| Dew Point | 19997545 | 367929 | 51.1 | 5.182 | 7199 | | 7.3 | | | | | 740 |

PSYCHROMETRIC SUMMARY

QCT
MONTH

350-0500
HOURS: L. S. T.

USAFETAC
FORMS
AF 44
0265 (OLA)
REVISED PER VEHICLES FOR FORMS OF THIS PLANS ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
METEOR
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74-16 STATION TRAVIS AFB CA STATION NAME

73-42

YEARS

— 3C —
MONTH

PAGE 7 ~~SECRET~~
HOURS (L.S.T.)

[illegible]

U. S. AIR FORCE
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | | | |
|---------|---------------|-------|-------|
| 14 16 | TPA/16 APR 68 | 73-87 | 20 |
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 1900-1100
HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

74-62

YEARS

— MONTE

PAGE 1 7500-1
HOURS 11.3.7

[illegible]

SUNBEL CLIMATOLOGY BRANCH
DIRECTOR
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|---------------|-------|-------|
| 410 | TRAVIS AFB TX | 7-8 | 11 |

17 JUL 14 2000
HOURS 13.5

[illegible]

GENERAL CLIMATELOGY - MARCH
 1961
 1961

PSYCHROMETRIC SUMMARY

STATION NAME STATION A - 26 YEARS 7-1-1 MONTH 20

NOV 19 1964

[illegible]

4 70 STATION 7 APR 6 AIR CP STATION NAME 7-8 YEARS 701 MONTH

PAGE 1 10 2 7 0 0 0 HOURS 1 5 T

USAFETAC FORM 0-26.5 (OL A) REVISED MAY 1965 EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-6

YEARS

COMPTON

100-443887-100

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETYAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME

10-21

YEARS

FORM 7-14

21-6-27-1
HOURS 1 5 7

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. - W.B. Dry Bulb Wet Bulb | | TOTAL
Dew Point | | | |
|-------------|-------------------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|--------------------|-----|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| / 63 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 61 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 59 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 57 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 55 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 53 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 51 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 49 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | |
| / 47 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AT - 51710, 1 PC

PSYCHROMETRIC SUMMARY

14 16
STATION

PAUL ALP CA

STATION NAME

7-5-57

YEARS

MONTE

ALL
HOURS

[illegible]

AL CLIMATOLOGY & ARCH
CLIM
CLIMATE SERVICE/AC

PSYCHROMETRIC SUMMARY

| STATION | TRAIN NO. | STATION NAME |
|---------|-----------|--------------|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |
| 5 | 5 | 5 |
| 6 | 6 | 6 |
| 7 | 7 | 7 |
| 8 | 8 | 8 |
| 9 | 9 | 9 |
| 10 | 10 | 10 |
| 11 | 11 | 11 |
| 12 | 12 | 12 |
| 13 | 13 | 13 |
| 14 | 14 | 14 |
| 15 | 15 | 15 |
| 16 | 16 | 16 |
| 17 | 17 | 17 |
| 18 | 18 | 18 |
| 19 | 19 | 19 |
| 20 | 20 | 20 |
| 21 | 21 | 21 |
| 22 | 22 | 22 |
| 23 | 23 | 23 |
| 24 | 24 | 24 |
| 25 | 25 | 25 |
| 26 | 26 | 26 |
| 27 | 27 | 27 |
| 28 | 28 | 28 |
| 29 | 29 | 29 |
| 30 | 30 | 30 |
| 31 | 31 | 31 |
| 32 | 32 | 32 |
| 33 | 33 | 33 |
| 34 | 34 | 34 |
| 35 | 35 | 35 |
| 36 | 36 | 36 |
| 37 | 37 | 37 |
| 38 | 38 | 38 |
| 39 | 39 | 39 |
| 40 | 40 | 40 |
| 41 | 41 | 41 |
| 42 | 42 | 42 |
| 43 | 43 | 43 |
| 44 | 44 | 44 |
| 45 | 45 | 45 |
| 46 | 46 | 46 |
| 47 | 47 | 47 |
| 48 | 48 | 48 |
| 49 | 49 | 49 |
| 50 | 50 | 50 |
| 51 | 51 | 51 |
| 52 | 52 | 52 |
| 53 | 53 | 53 |
| 54 | 54 | 54 |
| 55 | 55 | 55 |
| 56 | 56 | 56 |
| 57 | 57 | 57 |
| 58 | 58 | 58 |
| 59 | 59 | 59 |
| 60 | 60 | 60 |
| 61 | 61 | 61 |
| 62 | 62 | 62 |
| 63 | 63 | 63 |
| 64 | 64 | 64 |
| 65 | 65 | 65 |
| 66 | 66 | 66 |
| 67 | 67 | 67 |
| 68 | 68 | 68 |
| 69 | 69 | 69 |
| 70 | 70 | 70 |
| 71 | 71 | 71 |
| 72 | 72 | 72 |
| 73 | 73 | 73 |
| 74 | 74 | 74 |
| 75 | 75 | 75 |
| 76 | 76 | 76 |
| 77 | 77 | 77 |
| 78 | 78 | 78 |
| 79 | 79 | 79 |
| 80 | 80 | 80 |
| 81 | 81 | 81 |
| 82 | 82 | 82 |
| 83 | 83 | 83 |
| 84 | 84 | 84 |
| 85 | 85 | 85 |
| 86 | 86 | 86 |
| 87 | 87 | 87 |
| 88 | 88 | 88 |
| 89 | 89 | 89 |
| 90 | 90 | 90 |
| 91 | 91 | 91 |
| 92 | 92 | 92 |
| 93 | 93 | 93 |
| 94 | 94 | 94 |
| 95 | 95 | 95 |
| 96 | 96 | 96 |
| 97 | 97 | 97 |
| 98 | 98 | 98 |
| 99 | 99 | 99 |
| 100 | 100 | 100 |

12-6

YEARS

MON'Y

WOLVES 1.5.72

[illegible]

UNIVERSAL CLIMATOLOGY BRANCH
STAG
CATION SERVICE / AC

PSYCHROMETRIC SUMMARY

IN TO TRAILS ARE CA
STATION STATION NAME

73-27

YEARS

MONY

1 2 3 4

13-00000
HOURS 5.4

[illegible]

GENERAL CLIMATOLOGY - RANCH
METRIC
RANGE PATH SERVICE AC

PSYCHROMETRIC SUMMARY

4-16-54 I. A. S. A. I. C. A. STATION NAME

7-2-22

YEARS

MONTE

MOLES

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. Dry Bulb | | TOTAL
Wet Bulb Dew Point | | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------------------|--|-----------------------------|-----|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | |
| 100 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 100 | |
| 99 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99 | 99 | |
| 98 | 0.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98 | 98 | |
| 97 | 0.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 97 | 97 | |
| 96 | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 96 | 96 | |
| 95 | 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 | 95 | |
| 94 | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94 | 94 | |
| 93 | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 93 | 93 | |
| 92 | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 92 | 92 | |
| 91 | 0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 | 91 | |
| 90 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 | 90 | |
| 89 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 89 | 89 | |
| 88 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 | |
| 87 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 87 | 87 | |
| 86 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 | 86 | |
| 85 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | |
| 84 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 | 84 | |
| 83 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | |
| 82 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 82 | 82 | |
| 81 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | |
| 80 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | |
| 79 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 79 | |
| 78 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 78 | 78 | |
| 77 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CENTRAL CRYPTOCYTOSIS - 195 CH

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____

72-50

YEARS

MONTH

MOORE

[illegible]

75-82

STATION

STATION NAME

YEARS

A /
 1994-1995
 MONTH

14-14-14
HOURS 11 5 1

[illegible]

GENERAL CLIMATELOGY - WINTER
 1971-72
 1971-72

PSYCHROMETRIC SUMMARY

STATION NAME LAKE ARROWHEAD YEARS 1950-1959 MONTH 12

~~1 -~~ HOURS ~~1 -~~

| Temp.
°F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|------------------------|-------------------------------------|------------------|-----|----------------|----------|---|----|----|----|----|----|--|----|----|----|----|----|-------|----|----|----|----|----|----|----|----|----|-----|-----------|----------|----------|-----------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| Element X _i | Σ x _i ' | Σ x _i | x̄ | s _x | No. Obs. | | | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | | ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F | | | | | | Total | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[illegible]

21

YEARS

MCB

12-17-1944
HOURS: 9-4

USAFETAC K-0000
RUL 04 0765 (CL A) SEP 87 1000 PM '87

2

1945

1. *Adiantum* sp.

STATION NAME

YEARS

554

0-26.5 (OLA)

USAFETAC

AL ORIGINATOR: ANCH
STAG
DATE: 05/10/74 AC

PSYCHROMETRIC SUMMARY

1 16 1992 11 00 CA
STATION STATION NAME

YEARS

MONTH

MOUSE

[illegible]

PSYCHROMETRIC SUMMARY

1. *...*

| Temp
F | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS 1 5

[illegible]

73-27

STAT-2M

STATION NAME

YEARS

MONITOR

DATE: 12/15/54

RECEIVED FOR VOLS. 8 DURING OF THIS YEAR ARE LISTED

USAFETAC
FORM
JUL 64

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 TELETYPE SERVICE / PAC

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------|
| STATION | STATION NAME |
| 420 | THAMES APT CR |

75-62

YEARS

MON'94

MO: 185

[illegible]

PSYCHROMETRIC SUMMARY

4-26 T-2-2-2-2-2 STATION NAME

YEARS

1

[illegible]

1. CLIMATE CLIMATOLOGY CLIMATIC CLIMATES CLIMATE
2. CLIMATE CLIMATOLOGY CLIMATIC CLIMATES CLIMATE
3. CLIMATE CLIMATOLOGY CLIMATIC CLIMATES CLIMATE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 10 | 1000 | 10 | 10 |

11-1-27
HOURS: 5-7

[illegible]

PSYCHROMETRIC SUMMARY

14126- T. B. 125 AF 2. CA STATION STATION NAME

72-4-

YEARS

522

HOURS 445.7

[illegible]

41. U.S. DEPT. OF JUSTICE A-24

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____

- 5 -

YEARS

MONTH

MOJAS

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| Rel Hum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AL CLIMATELOGY. P. 108

1112

2. AT - 150,000 / 100

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
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| 95 | 95 |
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| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

19-23

YEARS

ALL
MONEY

25

HOURS 11-5 P.

[illegible]

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74116 TRAVIS AFB CA

73-83

| NO. | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
|-----------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|---------|
| MEAN | 43.1 | 47.2 | 49.0 | 50.9 | 54.9 | 58.8 | 60.2 | 60.9 | 60.6 | 57.3 | 49.7 | 44.0 | 53.1 |
| STDEV | 6.131 | 5.164 | 4.786 | 5.463 | 5.714 | 5.717 | 4.492 | 4.015 | 4.349 | 5.034 | 5.555 | 6.777 | 6.196 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 929 | 900 | 930 | 930 | 900 | 930 | 898 | 929 | 10952 |
| MEAN | 42.1 | 45.8 | 47.5 | 49.3 | 53.4 | 57.1 | 58.3 | 59.1 | 58.7 | 55.0 | 48.2 | 42.9 | 51.5 |
| STDEV | 6.458 | 5.336 | 5.019 | 5.620 | 6.124 | 5.485 | 4.112 | 3.533 | 3.965 | 4.997 | 5.693 | 6.341 | 7.996 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| MEAN | 41.4 | 45.3 | 48.0 | 51.9 | 57.7 | 62.0 | 62.1 | 61.9 | 60.4 | 55.7 | 47.6 | 42.0 | 53.0 |
| STDEV | 6.566 | 5.334 | 5.209 | 6.069 | 6.912 | 7.220 | 5.541 | 4.968 | 4.997 | 5.421 | 6.022 | 6.599 | 9.670 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 929 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10955 |
| MEAN | 46.1 | 51.9 | 55.4 | 60.9 | 67.7 | 72.7 | 73.5 | 73.0 | 71.9 | 66.7 | 55.5 | 47.5 | 61.9 |
| STDEV | 6.143 | 4.884 | 4.993 | 6.586 | 8.013 | 8.890 | 7.392 | 7.000 | 6.901 | 7.251 | 6.578 | 5.945 | 12.010 |
| TOTAL OBS | 729 | 846 | 930 | 900 | 929 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10954 |
| MEAN | 51.4 | 57.5 | 60.0 | 66.0 | 74.1 | 80.4 | 83.1 | 82.2 | 80.3 | 74.2 | 61.6 | 53.3 | 66.7 |
| STDEV | 6.571 | 5.116 | 5.762 | 7.772 | 8.566 | 9.196 | 8.109 | 7.586 | 7.542 | 6.207 | 7.210 | 5.938 | 13.469 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 929 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10955 |
| MEAN | 51.7 | 58.1 | 60.3 | 66.0 | 73.7 | 80.2 | 84.0 | 82.7 | 80.5 | 73.8 | 60.8 | 53.0 | 66.8 |
| STDEV | 6.314 | 5.317 | 6.091 | 8.114 | 8.903 | 9.328 | 8.483 | 8.023 | 8.148 | 6.647 | 7.166 | 5.629 | 13.676 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 928 | 900 | 930 | 899 | 930 | 10953 |
| MEAN | 46.0 | 52.4 | 54.5 | 58.6 | 64.6 | 70.3 | 73.1 | 71.6 | 69.7 | 64.2 | 54.6 | 47.8 | 60.7 |
| STDEV | 5.579 | 4.569 | 5.114 | 6.887 | 8.004 | 9.101 | 7.987 | 7.161 | 7.112 | 6.529 | 5.863 | 4.821 | 11.271 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 925 | 900 | 929 | 900 | 929 | 10949 |
| MEAN | 44.5 | 49.2 | 50.6 | 53.2 | 57.3 | 61.8 | 63.8 | 63.8 | 63.1 | 59.2 | 51.6 | 45.2 | 55.3 |
| STDEV | 5.757 | 4.675 | 4.681 | 5.577 | 5.856 | 6.600 | 5.425 | 4.845 | 4.925 | 5.367 | 5.709 | 5.338 | 8.746 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 929 | 900 | 929 | 927 | 900 | 930 | 900 | 930 | 10951 |
| MEAN | 45.7 | 50.9 | 53.2 | 57.1 | 62.9 | 67.9 | 69.8 | 69.4 | 68.1 | 63.3 | 53.7 | 47.0 | 59.1 |
| STDEV | 7.209 | 6.852 | 7.131 | 9.093 | 10.690 | 11.729 | 11.589 | 10.744 | 10.339 | 9.788 | 8.046 | 7.118 | 12.668 |
| TOTAL OBS | 7439 | 6768 | 7440 | 7200 | 7435 | 7200 | 7439 | 7430 | 7200 | 7439 | 7197 | 7438 | 87625 |

USAFETAC FORM 1089-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/PAO

MEANS AND STANDARD DEVIATIONS

NET-ULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74-16 TRAVIS AFB CA

73-83

| MO | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| MEAN | 40.7 | 44.4 | 45.6 | 46.9 | 49.9 | 53.0 | 55.0 | 55.9 | 55.4 | 52.2 | 46.0 | 41.5 | 48.9 |
| STDEV | 6.082 | 5.231 | 4.644 | 4.387 | 3.994 | 3.438 | 3.020 | 2.395 | 2.973 | 4.222 | 5.541 | 6.098 | 6.889 |
| TOTAL OBS | 93 | 846 | 930 | 900 | 929 | 899 | 930 | 927 | 900 | 930 | 898 | 929 | 10948 |
| MEAN | 40.0 | 43.2 | 44.5 | 45.6 | 48.8 | 52.0 | 54.1 | 55.1 | 54.4 | 50.7 | 44.9 | 40.7 | 47.8 |
| STDEV | 6.37 | 5.396 | 5.189 | 4.631 | 4.142 | 3.452 | 3.007 | 2.363 | 3.024 | 4.442 | 5.740 | 6.400 | 6.997 |
| TOTAL OBS | 93 | 846 | 930 | 899 | 930 | 900 | 930 | 927 | 900 | 930 | 900 | 930 | 10952 |
| MEAN | 39.4 | 42.8 | 44.8 | 47.4 | 51.3 | 54.7 | 56.2 | 56.6 | 55.3 | 51.1 | 44.4 | 39.9 | 48.7 |
| STDEV | 6.512 | 5.534 | 5.250 | 4.914 | 4.438 | 4.019 | 3.387 | 2.954 | 3.286 | 4.638 | 5.917 | 6.586 | 7.847 |
| TOTAL OBS | 93 | 846 | 930 | 900 | 929 | 900 | 929 | 928 | 900 | 930 | 900 | 930 | 10952 |
| MEAN | 43.1 | 47.6 | 49.6 | 52.2 | 56.1 | 59.1 | 61.2 | 61.6 | 60.3 | 55.6 | 49.6 | 44.0 | 53.4 |
| STDEV | 5.765 | 4.817 | 4.653 | 4.512 | 4.694 | 4.142 | 3.714 | 3.272 | 3.328 | 4.382 | 5.235 | 5.516 | 7.837 |
| TOTAL OBS | 929 | 846 | 930 | 900 | 929 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10953 |
| MEAN | 40.4 | 50.7 | 51.9 | 54.7 | 59.1 | 62.1 | 64.7 | 64.9 | 63.3 | 54.5 | 52.6 | 47.4 | 56.5 |
| STDEV | 5.349 | 4.697 | 4.831 | 4.778 | 4.984 | 4.112 | 3.680 | 3.164 | 3.364 | 4.638 | 5.096 | 4.745 | 7.818 |
| TOTAL OBS | 93 | 846 | 930 | 900 | 929 | 900 | 929 | 929 | 899 | 930 | 900 | 930 | 10952 |
| MEAN | 46. | 51.1 | 52.1 | 54.9 | 59.1 | 62.2 | 64.8 | 64.8 | 63.2 | 59.2 | 52.2 | 47.3 | 56.5 |
| STDEV | 5.308 | 4.553 | 4.946 | 4.944 | 5.020 | 4.348 | 3.731 | 3.060 | 3.433 | 4.457 | 5.213 | 4.720 | 7.790 |
| TOTAL OBS | 929 | 846 | 930 | 900 | 930 | 900 | 929 | 927 | 900 | 930 | 899 | 930 | 10950 |
| MEAN | 43.1 | 48.1 | 49.2 | 51.4 | 55.0 | 56.1 | 60.6 | 60.5 | 59.2 | 55.6 | 49.1 | 44.2 | 52.9 |
| STDEV | 5.439 | 4.637 | 4.819 | 4.770 | 4.774 | 4.414 | 3.905 | 3.207 | 3.485 | 4.155 | 5.210 | 4.973 | 7.378 |
| TOTAL OBS | 930 | 845 | 930 | 900 | 930 | 900 | 930 | 925 | 900 | 929 | 900 | 929 | 10948 |
| MEAN | 42. | 46.0 | 46.7 | 48.4 | 51.3 | 54.4 | 56.5 | 57.2 | 56.4 | 53.3 | 47.3 | 42.4 | 50.2 |
| STDEV | 5.754 | 4.762 | 4.700 | 4.244 | 4.018 | 3.574 | 3.221 | 2.575 | 3.073 | 4.084 | 5.321 | 5.501 | 6.787 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 929 | 900 | 929 | 927 | 900 | 930 | 900 | 929 | 10950 |
| MEAN | 42. | 46.7 | 48.0 | 50.2 | 53.8 | 56.9 | 59.1 | 59.6 | 58.5 | 54.8 | 48.3 | 43.4 | 51.9 |
| STDEV | 6.393 | 5.799 | 5.682 | 5.737 | 5.910 | 5.443 | 5.275 | 4.688 | 4.666 | 5.459 | 6.148 | 6.211 | 8.107 |
| TOTAL OBS | 743 | 6767 | 7440 | 7199 | 7435 | 7199 | 7436 | 7419 | 7199 | 7439 | 7197 | 7437 | 87405 |

CLIMATE CLIMATOLOGY BRANCH
 CAPETAC
 AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74160 TRAVIS AFB CA

73-83

YEARS

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| MEAN | 37.8 | 41.0 | 41.7 | 42.5 | 44.9 | 47.7 | 50.8 | 52.0 | 51.1 | 47.5 | 41.8 | 38.1 | 44.8 |
| STDEV | 7.804 | 7.241 | 7.427 | 6.288 | 5.526 | 4.911 | 3.425 | 2.895 | 4.677 | 6.500 | 6.259 | 8.417 | 7.963 |
| TOTAL OBS | 93 | 846 | 930 | 900 | 929 | 899 | 930 | 927 | 900 | 930 | 898 | 929 | 10948 |
| MEAN | 37.1 | 39.9 | 40.9 | 41.5 | 44.0 | 47.4 | 50.6 | 51.8 | 50.8 | 46.6 | 41.1 | 37.4 | 44.1 |
| STDEV | 6.047 | 7.295 | 7.516 | 6.440 | 6.160 | 5.122 | 3.471 | 2.738 | 4.427 | 6.407 | 6.051 | 8.632 | 8.164 |
| TOTAL OBS | 93 | 846 | 930 | 899 | 930 | 900 | 930 | 927 | 900 | 930 | 900 | 930 | 10952 |
| MEAN | 36.6 | 39.6 | 41.0 | 42.6 | 45.2 | 48.4 | 51.5 | 52.5 | 51.1 | 46.9 | 40.7 | 36.7 | 44.4 |
| STDEV | 8.073 | 7.435 | 7.421 | 6.711 | 6.438 | 5.106 | 3.515 | 3.015 | 4.414 | 6.307 | 7.868 | 8.693 | 8.474 |
| TOTAL OBS | 93 | 846 | 930 | 900 | 929 | 900 | 929 | 928 | 900 | 930 | 900 | 930 | 10952 |
| MEAN | 39.4 | 42.9 | 43.4 | 43.9 | 46.0 | 48.4 | 52.3 | 53.6 | 51.7 | 48.1 | 43.4 | 39.7 | 46.1 |
| STDEV | 7.715 | 7.555 | 7.650 | 7.507 | 7.271 | 5.681 | 4.090 | 3.321 | 5.222 | 7.164 | 7.891 | 8.183 | 8.201 |
| TOTAL OBS | 929 | 846 | 930 | 900 | 929 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10953 |
| MEAN | 40.0 | 43.8 | 43.7 | 44.3 | 46.9 | 48.6 | 52.3 | 53.5 | 51.2 | 47.7 | 43.7 | 40.8 | 46.5 |
| STDEV | 8.133 | 7.899 | 8.472 | 8.128 | 7.742 | 6.339 | 4.671 | 4.140 | 5.803 | 7.718 | 8.458 | 8.417 | 8.383 |
| TOTAL OBS | 93 | 846 | 930 | 900 | 929 | 900 | 929 | 929 | 899 | 930 | 900 | 930 | 10952 |
| MEAN | 41.3 | 44.1 | 43.8 | 44.7 | 47.3 | 48.9 | 51.6 | 52.9 | 50.9 | 47.6 | 43.7 | 40.7 | 46.5 |
| STDEV | 8.037 | 7.597 | 8.612 | 7.804 | 7.282 | 6.455 | 5.094 | 4.387 | 6.206 | 7.253 | 8.533 | 8.454 | 8.237 |
| TOTAL OBS | 929 | 846 | 930 | 900 | 930 | 900 | 929 | 927 | 900 | 930 | 899 | 930 | 10950 |
| MEAN | 40.1 | 43.6 | 43.6 | 44.4 | 46.6 | 48.3 | 51.3 | 52.4 | 51.2 | 48.3 | 43.4 | 39.8 | 46.1 |
| STDEV | 7.634 | 7.074 | 7.789 | 6.848 | 5.961 | 5.488 | 4.272 | 3.694 | 5.318 | 6.398 | 8.151 | 8.179 | 7.733 |
| TOTAL OBS | 93 | 845 | 930 | 900 | 930 | 900 | 930 | 925 | 900 | 929 | 900 | 929 | 10948 |
| MEAN | 38.9 | 42.3 | 42.4 | 43.4 | 45.6 | 47.9 | 50.8 | 51.9 | 50.8 | 47.9 | 42.5 | 38.8 | 45.3 |
| STDEV | 7.822 | 6.881 | 7.425 | 6.178 | 5.194 | 4.873 | 3.625 | 3.211 | 5.074 | 6.283 | 8.210 | 8.104 | 7.650 |
| TOTAL OBS | 93 | 846 | 930 | 900 | 929 | 900 | 929 | 927 | 900 | 930 | 900 | 929 | 10950 |
| MEAN | 39.0 | 42.2 | 42.6 | 43.4 | 45.8 | 48.2 | 51.4 | 52.6 | 51.1 | 47.5 | 42.5 | 39.0 | 45.5 |
| STDEV | 7.04 | 7.559 | 7.909 | 7.098 | 6.582 | 5.544 | 4.110 | 3.532 | 5.182 | 6.792 | 8.255 | 8.570 | 8.153 |
| TOTAL OBS | 7438 | 6767 | 7440 | 7199 | 7435 | 7199 | 7436 | 7419 | 7199 | 7439 | 7197 | 7437 | 87605 |

USAFETAC 00M 895 (OLA)

RELATIVE HUMIDITY

JA!
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | | |
| JAN | 0-00 | 100.0 | 100.0 | 99.4 | 97.5 | 95.2 | 92.6 | 86.8 | 67.1 | 29.1 | 82.9 | 930 |
| | 3-05 | 100.0 | 100.0 | 99.4 | 96.8 | 95.3 | 93.8 | 88.9 | 70.3 | 31.0 | 83.6 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 97.2 | 96.1 | 93.5 | 88.0 | 71.7 | 32.9 | 84.0 | 930 |
| | 9-11 | 100.0 | 100.0 | 98.9 | 95.5 | 92.1 | 86.7 | 78.9 | 57.8 | 23.1 | 79.1 | 929 |
| | 12-14 | 100.0 | 99.5 | 96.0 | 89.4 | 81.0 | 71.9 | 58.9 | 37.4 | 12.9 | 70.5 | 930 |
| | 15-17 | 100.0 | 99.5 | 96.6 | 90.5 | 82.1 | 72.3 | 57.8 | 33.3 | 13.5 | 70.4 | 929 |
| | 18-20 | 100.0 | 100.0 | 99.0 | 95.7 | 92.9 | 87.4 | 78.6 | 57.2 | 22.6 | 79.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.0 | 97.6 | 95.6 | 92.2 | 83.9 | 64.7 | 27.1 | 81.9 | 930 |
| TOTALS | | 100.0 | 99.9 | 98.5 | 95.0 | 91.3 | 86.3 | 77.7 | 57.7 | 24.7 | 74.0 | 7438 |

RELATIVE HUMIDITY

22

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS | |
|--------|----------------|--|-------|------|------|------|------|------|------|------------------------------|------------------------|------|
| | | 10% | 20% | 30% | 40% | 50% | 60 | 70 | 80 | | | 90 |
| FEB | 00-02 | 100.0 | 100.0 | 98.9 | 96.7 | 95.3 | 93.3 | 85.7 | 57.4 | 15.6 | 80.2 | 646 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 96.5 | 95.2 | 93.7 | 87.6 | 60.1 | 19.4 | 80.8 | 646 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 96.9 | 95.2 | 93.6 | 87.0 | 60.0 | 22.6 | 81.3 | 646 |
| | 09-11 | 100.0 | 100.0 | 98.7 | 94.2 | 90.9 | 83.7 | 64.2 | 31.2 | 10.6 | 73.1 | 646 |
| | 12-14 | 100.0 | 99.8 | 96.5 | 90.8 | 76.5 | 55.6 | 33.1 | 12.2 | 4.0 | 62.6 | 646 |
| | 15-17 | 100.0 | 99.5 | 96.3 | 89.8 | 76.4 | 52.4 | 28.7 | 12.0 | 4.1 | 61.9 | 646 |
| | 18-20 | 100.0 | 99.9 | 98.3 | 96.4 | 92.7 | 86.4 | 68.4 | 22.7 | 7.1 | 72.4 | 646 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 96.5 | 95.9 | 92.4 | 83.2 | 48.0 | 12.8 | 70.3 | 646 |
| TOTALS | | 100.0 | 99.9 | 98.4 | 94.7 | 89.8 | 81.5 | 67.0 | 34.7 | 11.6 | 74.0 | 6762 |

RELATIVE HUMIDITY

STATION NAME

74-f 3

PERIOD

44
MONT

| MONTH | HOURS
ULST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|---------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20 | 30 | 40% | 50% | 60% | 70 | 80 | 90 | | |
| 4A | 02-24 | 100.0 | 100.0 | 97.2 | 95.1 | 93.5 | 89.9 | 77.7 | 41.2 | 12.7 | 77.5 | 930 |
| | 03-25 | 100.0 | 100.0 | 98.5 | 95.1 | 94.1 | 91.0 | 81.6 | 54.7 | 16.3 | 79.1 | 930 |
| | 06-08 | 100.0 | 99.9 | 99.0 | 95.2 | 94.0 | 90.9 | 78.9 | 51.2 | 13.4 | 75.1 | 930 |
| | 09-11 | 100.0 | 99.8 | 96.2 | 90.0 | 81.7 | 67.8 | 46.0 | 19.5 | 3.8 | 66.4 | 930 |
| | 12-14 | 100.0 | 98.8 | 91.7 | 80.5 | 67.4 | 47.4 | 23.1 | 8.2 | 1.9 | 57.1 | 930 |
| | 15-17 | 100.0 | 97.6 | 91.3 | 81.6 | 66.1 | 44.6 | 24.3 | 9.0 | 2.3 | 57.5 | 930 |
| | 18-20 | 100.0 | 99.6 | 96.3 | 93.1 | 87.4 | 75.4 | 52.7 | 21.1 | 3.4 | 63.8 | 930 |
| | 21-23 | 100.0 | 99.9 | 97.1 | 95.2 | 93.2 | 87.6 | 72.6 | 40.6 | 8.6 | 70.2 | 930 |
| TOTALS | | 100.0 | 99.5 | 96.0 | 90.7 | 84.7 | 74.3 | 57.2 | 31.2 | 7.8 | 70.0 | 7440 |

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

APR
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS | |
|--------|----------------|--|------|------|------|------|------|------|------|------------------------------|-----------------------|------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | | 90% |
| APR | 01-02 | 100.0 | 99.4 | 97.4 | 94.2 | 92.2 | 88.1 | 72.8 | 3.2 | 8.3 | 74.7 | 920 |
| | 03-05 | 100.0 | 99.9 | 98.3 | 93.8 | 90.9 | 88.7 | 77.1 | 4.7 | 9.1 | 76.2 | 899 |
| | 06-08 | 100.0 | 99.7 | 98.2 | 93.1 | 89.7 | 82.6 | 68.6 | 32.4 | 5.6 | 72.7 | 922 |
| | 09-11 | 100.0 | 98.1 | 97.7 | 90.7 | 66.4 | 44.2 | 21.1 | 4.2 | 1.1 | 56.4 | 922 |
| | 12-14 | 99.8 | 94.8 | 85.3 | 76.2 | 46.6 | 21.2 | 8.0 | 3.6 | .9 | 48.0 | 922 |
| | 15-17 | 99.3 | 95.1 | 85.9 | 72.9 | 49.1 | 21.6 | 9.2 | 2.2 | 1.1 | 42.3 | 920 |
| | 18-20 | 100.0 | 98.1 | 95.1 | 89.4 | 79.3 | 59.5 | 30.4 | 2.3 | 1.8 | 61.8 | 926 |
| | 21-23 | 100.0 | 99.0 | 97.4 | 94.6 | 91.1 | 82.9 | 63.8 | 24.8 | 2.4 | 71.6 | 920 |
| TOTALS | | 99.9 | 98.7 | 93.5 | 86.1 | 75.6 | 61.0 | 43.9 | 20.1 | 3.5 | 63.9 | 7199 |

USAFETAC FORM 104-64 0-87-5 (OL A)

RELATIVE HUMIDITY

RAY
MON:

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 5-22 | 100.0 | 99.3 | 96.9 | 95.6 | 93.2 | 83.9 | 60.3 | 22.2 | 2.2 | 71.0 | 929 |
| | 5-25 | 100.0 | 98.3 | 95.3 | 93.3 | 91.2 | 87.2 | 68.3 | 31.4 | 5.4 | 72.9 | 93 |
| | 6-28 | 100.0 | 98.0 | 94.5 | 90.6 | 85.8 | 72.0 | 46.0 | 15.2 | 1.3 | 65.8 | 979 |
| | 7-11 | 100.0 | 94.7 | 85.7 | 72.2 | 48.3 | 19.7 | 4.4 | 1.1 | .1 | 45.4 | 929 |
| | 1.-14 | 100.0 | 91.7 | 76.6 | 50.1 | 22.4 | 5.0 | 1.6 | .6 | .1 | 4.5 | 929 |
| | 1.-17 | 100.0 | 92.6 | 79.9 | 54.2 | 24.7 | 6.0 | 1.5 | .2 | .1 | 41.6 | 930 |
| | 1.-20 | 100.0 | 98.2 | 93.2 | 84.3 | 62.4 | 34.2 | 12.3 | 1.7 | .1 | 54.4 | 930 |
| | 1.-23 | 100.0 | 99.1 | 97.5 | 95.8 | 91.6 | 71.8 | 40.9 | 11.5 | .6 | 66.7 | 929 |
| TOTALS | | 100.0 | 96.4 | 92.0 | 79.5 | 65.0 | 47.5 | 29.4 | 10.2 | 1.2 | 57.7 | 7435 |

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

74-23

PERIOD

MON

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 01-02 | 100.0 | 98.4 | 97.3 | 96.1 | 92.2 | 79.1 | 47.2 | 18.0 | 1.2 | 62.6 | 899 |
| | 03-05 | 100.0 | 98.3 | 96.9 | 96.3 | 94.4 | 87.3 | 80.7 | 24.0 | 2.4 | 72.0 | 900 |
| | 06-08 | 100.0 | 97.9 | 95.6 | 92.7 | 84.6 | 63.4 | 31.8 | 1.4 | .7 | 63.6 | 920 |
| | 09-11 | 99.9 | 93.2 | 84.6 | 66.2 | 36.1 | 14.7 | 1.9 | .0 | | 45.0 | 921 |
| | 12-14 | 99.6 | 86.0 | 66.3 | 34.1 | 9.7 | 1.2 | | | | 34.2 | 920 |
| | 15-17 | 99.8 | 97.9 | 69.2 | 36.7 | 9.2 | .7 | | | | 35.7 | 950 |
| | 18-20 | 100.0 | 95.1 | 89.0 | 71.2 | 46.6 | 18.7 | 4.3 | .0 | | 42.3 | 900 |
| | 21-23 | 100.0 | 96.1 | 96.3 | 93.0 | 84.1 | 61.0 | 30.6 | 9.4 | .1 | 62.7 | 950 |
| TOTALS | | 9.9 | 94.5 | 66.8 | 73.3 | 57.1 | 44.3 | 22.3 | 8.4 | .6 | 53.9 | 7199 |

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

74-83

PERIOD

JUL
MON

[illegible]

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

74-62
STATION

TRAVIS AFB CA

STATION NAME

74-63

PERIOD

Aug
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS | |
|-------|----------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70 | 80 | 90 | | |
| AUG | 00-01 | 100.0 | 100.0 | 100.0 | 98.0 | 95.9 | 88.0 | 65.6 | 31.4 | 1.1 | 73.2 | 927 |
| | 01-02 | 100.0 | 100.0 | 100.0 | 99.7 | 98.5 | 95.3 | 78.7 | 2.3 | 4.0 | 77.1 | 927 |
| | 02-03 | 100.0 | 100.0 | 99.6 | 98.7 | 95.4 | 80.4 | 58.9 | 13.4 | 2.3 | 72.2 | 928 |
| | 03-04 | 100.0 | 99.7 | 95.4 | 82.2 | 58.4 | 25.1 | 3.3 | .4 | | 58.1 | 929 |
| | 04-05 | 100.0 | 95.2 | 77.3 | 43.2 | 12.5 | 2.2 | .1 | .1 | | 38.7 | 929 |
| | 05-06 | 100.0 | 91.0 | 72.5 | 40.7 | 11.1 | 2.2 | .3 | | | 37.6 | 927 |
| | 06-07 | 100.0 | 99.5 | 94.5 | 1.0 | 59.0 | 28.9 | 7.9 | 1.1 | | 52.5 | 925 |
| | 07-08 | 100.0 | 100.0 | 99.6 | 96.9 | 88.6 | 71.8 | 40.5 | 3.3 | .2 | 66.4 | 927 |
| | 08-09 | | | | | | | | | | | |
| | 09-10 | | | | | | | | | | | |
| | 10-11 | | | | | | | | | | | |
| | 11-12 | | | | | | | | | | | |
| | 12-13 | | | | | | | | | | | |
| | 13-14 | | | | | | | | | | | |
| | 14-15 | | | | | | | | | | | |
| | 15-16 | | | | | | | | | | | |
| | 16-17 | | | | | | | | | | | |
| | 17-18 | | | | | | | | | | | |
| | 18-19 | | | | | | | | | | | |
| | 19-20 | | | | | | | | | | | |
| | 20-21 | | | | | | | | | | | |
| | 21-22 | | | | | | | | | | | |
| | 22-23 | | | | | | | | | | | |
| | 23-24 | | | | | | | | | | | |
| | TOTALS | 100.0 | 78.3 | 52.3 | 20.2 | 64.9 | 50.0 | 31.9 | 10.4 | 1.2 | 58.8 | 7419 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

73-82

PERIOD

2007

[illegible]

USAFETAC FORM 0-87-5 (OL A)
111 64

RELATIVE HUMIDITY

201

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|--------------|--|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | |
| 1-11 | 100.0 | 99.2 | 97.4 | 95.4 | 92.4 | 79.5 | 60.9 | 36.4 | 6.2 | 71.6 | 830 |
| 1-12 | 100.0 | 99.8 | 99.2 | 96.9 | 93.2 | 80.3 | 69.4 | 38.2 | 10.9 | 74.6 | 930 |
| 1-13 | 100.0 | 100.0 | 98.9 | 86.7 | 91.6 | 83.7 | 64.2 | 34.5 | 10.4 | 73.6 | 830 |
| 1-14 | 100.0 | 96.0 | 97.2 | 76.3 | 57.2 | 37.6 | 16.5 | 2.2 | 1.5 | 54.2 | 930 |
| 1-15 | 9.7 | 94.4 | 73.2 | 49.2 | 26.2 | 11.2 | 4.5 | 1.3 | .3 | 41.6 | 930 |
| 1-16 | 100.0 | 94.0 | 72.8 | 51.7 | 30.4 | 13.5 | 4.9 | 1.5 | .3 | 42.5 | 930 |
| 1-17 | 100.0 | 99.0 | 95.7 | 34.4 | 68.5 | 47.8 | 25.6 | 6.1 | 1.3 | 55.9 | 929 |
| 1-18 | 100.0 | 99.2 | 97.6 | 94.4 | 84.5 | 71.4 | 49.7 | 21.3 | 4.4 | 65.1 | 930 |
| 1-19 | | | | | | | | | | | |
| 1-20 | | | | | | | | | | | |
| 1-21 | | | | | | | | | | | |
| 1-22 | | | | | | | | | | | |
| 1-23 | | | | | | | | | | | |
| TOTALS | 100.0 | 98.0 | 90.5 | 30.6 | 67.8 | 53.8 | 37.0 | 17.5 | 4.5 | 60.7 | 7439 |

0-87-5 : OL A.

RELATIVE HUMIDITY

STATION NAME

77-85

PERIOD

506

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. | |
|--------|----------------|--|-------|------|------|------|------|------|------|------------------------------|-------------------------|------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | | 90% |
| N | 3-02 | 100.0 | 99.2 | 97.7 | 95.4 | 92.3 | 85.1 | 77.9 | 42.4 | 12.3 | 76.3 | 696 |
| | 3-05 | 100.0 | 99.6 | 98.6 | 96.8 | 93.6 | 88.2 | 76.7 | 48.0 | 21.4 | 77.8 | 900 |
| | 6-08 | 100.0 | 100.0 | 98.9 | 97.2 | 93.2 | 88.1 | 75.8 | 49.3 | 22.0 | 76.3 | 900 |
| | 9-11 | 100.0 | 99.3 | 96.1 | 89.0 | 81.1 | 66.4 | 47.2 | 24.4 | 7.4 | 66.7 | 900 |
| | 12-14 | 100.0 | 97.7 | 89.1 | 75.9 | 58.6 | 37.3 | 22.9 | 1.0 | 2.7 | 55.2 | 900 |
| | 15-17 | 100.0 | 97.6 | 90.0 | 79.1 | 61.6 | 41.3 | 25.7 | 10.1 | 3.0 | 56.6 | 899 |
| | 18-20 | 100.0 | 98.8 | 96.4 | 92.6 | 84.6 | 72.3 | 52.4 | 23.3 | 6.9 | 68.4 | 900 |
| | 21-23 | 100.0 | 98.6 | 96.6 | 94.9 | 88.7 | 81.3 | 67.7 | 36.4 | 11.6 | 73.3 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.9 | 95.4 | 90.1 | 81.7 | 73.0 | 55.2 | 30.6 | 11.7 | 69.1 | 7197 |

FORM
JUS 04

0-87-5 (OL A)

RELATIVE HUMIDITY

DEC
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. | |
|--------|----------------|--|-------|------|------|------|------|------|------|------------------------------|-------------------------|------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | | 90% |
| DEC | 1-02 | 100.0 | 100.0 | 98.1 | 95.4 | 93.4 | 90.7 | 80.3 | 65.2 | 33.6 | 31.2 | 929 |
| | 1-05 | 100.0 | 100.0 | 99.1 | 95.7 | 93.3 | 91.0 | 81.2 | 67.0 | 35.5 | 32.5 | 931 |
| | 1-08 | 100.0 | 100.0 | 98.8 | 96.1 | 94.5 | 92.0 | 83.2 | 67.0 | 36.6 | 33.0 | 930 |
| | 1-11 | 100.0 | 100.0 | 98.0 | 93.3 | 88.5 | 81.0 | 69.5 | 52.0 | 26.2 | 77.0 | 930 |
| | 1-14 | 100.0 | 99.7 | 94.5 | 84.9 | 73.3 | 59.7 | 47.7 | 32.7 | 13.2 | 66.3 | 931 |
| | 1-17 | 100.0 | 99.8 | 94.9 | 86.6 | 73.7 | 60.6 | 48.5 | 30.0 | 12.4 | 66.4 | 930 |
| | 1-20 | 100.0 | 99.9 | 97.2 | 94.9 | 90.3 | 79.3 | 67.3 | 49.2 | 23.6 | 76.0 | 929 |
| | 1-23 | 100.0 | 100.0 | 98.6 | 95.5 | 93.1 | 88.5 | 76.2 | 57.1 | 29.1 | 79.7 | 929 |
| TOTALS | | 100.0 | 99.9 | 97.4 | 92.7 | 87.5 | 80.4 | 69.2 | 53.0 | 26.3 | 76.6 | 7432 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

74-160
STATION

TRAVIS AFB CA
STATION NAME

77-83

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70 | 80 | 90 | | |
| JAN | ALL | 100.0 | 99.9 | 98.5 | 95.0 | 91.3 | 86.3 | 77.7 | 57.7 | 24.0 | 72.2 | 7438 |
| FEB | | 100.0 | 99.9 | 98.4 | 94.7 | 89.8 | 81.5 | 67.0 | 34.2 | 11.6 | 74.0 | 6767 |
| MAR | | 100.0 | 99.5 | 96.0 | 90.7 | 84.7 | 74.3 | 57.2 | 31.9 | 7.8 | 70.0 | 7440 |
| APR | | 99.9 | 98.0 | 93.5 | 86.1 | 75.6 | 61.0 | 43.9 | 20.1 | 3.5 | 63.9 | 7199 |
| MAY | | 100.0 | 96.4 | 90.7 | 79.5 | 65.0 | 47.5 | 29.4 | 10.2 | 1.2 | 57.7 | 7435 |
| JUN | | 99.9 | 94.5 | 86.8 | 73.3 | 57.1 | 40.3 | 22.3 | 6.4 | .6 | 53.9 | 7199 |
| JUL | | 100.0 | 97.8 | 89.9 | 74.5 | 59.3 | 43.6 | 27.4 | 9.3 | .3 | 56.1 | 7436 |
| AUG | | 100.0 | 98.3 | 92.3 | 80.2 | 64.9 | 50.0 | 31.9 | 10.4 | 1.0 | 58.6 | 7419 |
| SEP | | 100.0 | 97.1 | 89.4 | 78.5 | 65.6 | 50.6 | 33.6 | 12.0 | 1.8 | 58.7 | 7199 |
| OCT | | 100.0 | 98.0 | 90.5 | 80.6 | 67.8 | 53.8 | 37.0 | 17.5 | 4.5 | 60.7 | 7439 |
| NOV | | 100.0 | 98.9 | 95.4 | 80.1 | 61.7 | 40.0 | 25.2 | 10.0 | 11.7 | 69.1 | 7197 |
| DEC | | 100.0 | 99.9 | 97.4 | 92.7 | 87.5 | 80.4 | 69.2 | 53.0 | 26.3 | 76.6 | 7437 |
| TOTALS | | 100.0 | 98.2 | 93.2 | 84.7 | 74.2 | 61.6 | 46.0 | 24.9 | 7.9 | 64.9 | 87605 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

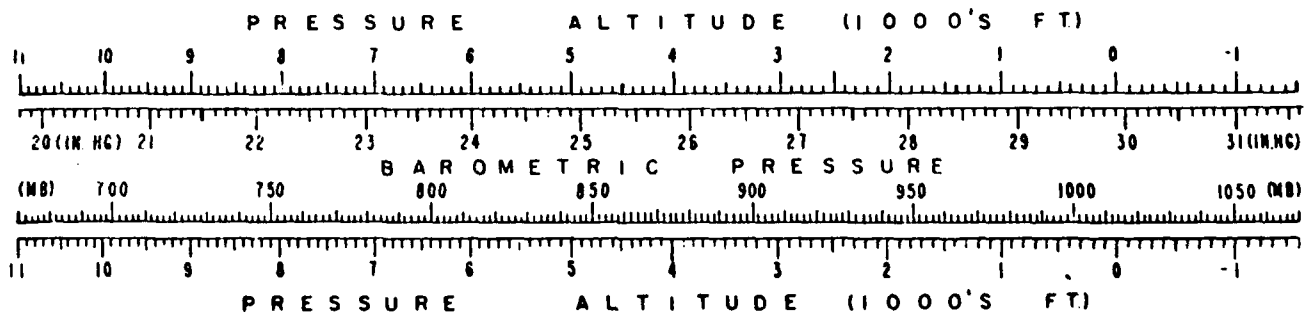
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

7416 TRAVIS AFB CA

73-83

| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. | |
|-----------|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 01 | MEAN | 1 | .01530 | .00629 | .92129 | .92829 | .84229 | .81629 | .80929 | .80929 | .81129 | .90930 | .00230 | .061 | 29.910 |
| | STDEV | | .183 | .182 | .176 | .109 | .094 | .093 | .080 | .078 | .082 | .101 | .151 | .158 | .158 |
| | TOTAL OBS | | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3651 |
| 02 | MEAN | 3 | .0162 | .99629 | .91329 | .92429 | .84329 | .82029 | .81329 | .81229 | .81629 | .91130 | .00230 | .062 | 29.910 |
| | STDEV | | .184 | .185 | .176 | .111 | .093 | .092 | .079 | .077 | .079 | .103 | .153 | .156 | .157 |
| | TOTAL OBS | | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 03 | MEAN | 5 | .02630 | .01129 | .93629 | .94929 | .87429 | .85109 | .84929 | .84829 | .85029 | .93830 | .01930 | .073 | 29.935 |
| | STDEV | | .185 | .190 | .179 | .114 | .093 | .092 | .078 | .076 | .079 | .104 | .155 | .157 | .153 |
| | TOTAL OBS | | 309 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3650 |
| 04 | MEAN | 3 | .06030 | .03729 | .96129 | .96629 | .88529 | .86229 | .86329 | .86529 | .87029 | .96430 | .04730 | .106 | 29.957 |
| | STDEV | | .186 | .193 | .181 | .114 | .093 | .090 | .077 | .076 | .079 | .104 | .156 | .159 | .158 |
| | TOTAL OBS | | 309 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3650 |
| 05 | MEAN | 7 | .01530 | .00429 | .93329 | .94029 | .85829 | .83929 | .83829 | .83429 | .83329 | .91930 | .00230 | .057 | 29.922 |
| | STDEV | | .183 | .190 | .176 | .111 | .093 | .091 | .079 | .078 | .078 | .101 | .154 | .160 | .153 |
| | TOTAL OBS | | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 06 | MEAN | 2 | .99229 | .97129 | .89729 | .90329 | .82129 | .80829 | .79829 | .79029 | .78929 | .68629 | .97730 | .033 | 29.888 |
| | STDEV | | .182 | .187 | .169 | .107 | .094 | .091 | .082 | .080 | .079 | .103 | .154 | .162 | .155 |
| | TOTAL OBS | | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 309 | 299 | 310 | 299 | 310 | 3609 |
| 07 | MEAN | 3 | .0012 | .97729 | .90229 | .90029 | .81529 | .80129 | .78729 | .78229 | .78629 | .89229 | .98430 | .043 | 29.889 |
| | STDEV | | .181 | .188 | .166 | .105 | .093 | .093 | .082 | .081 | .080 | .104 | .154 | .159 | .158 |
| | TOTAL OBS | | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 309 | 300 | 310 | 300 | 309 | 3650 |
| 08 | MEAN | 30 | .01729 | .99429 | .92629 | .92429 | .84229 | .82329 | .81029 | .80629 | .80929 | .91030 | .00030 | .061 | 29.910 |
| | STDEV | | .181 | .189 | .166 | .108 | .094 | .091 | .080 | .080 | .080 | .102 | .154 | .155 | .157 |
| | TOTAL OBS | | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 309 | 300 | 310 | 300 | 310 | 3650 |
| ALL HOURS | MEAN | 31 | .01830 | .00029 | .92329 | .92929 | .84729 | .82729 | .82129 | .81829 | .82129 | .91630 | .00430 | .062 | 29.915 |
| | STDEV | | .184 | .189 | .174 | .112 | .096 | .094 | .083 | .083 | .084 | .105 | .155 | .159 | .157 |
| | TOTAL OBS | | 2473 | 2256 | 2480 | 2400 | 2477 | 2400 | 2480 | 2477 | 2399 | 2480 | 2398 | 2479 | 29204 |

1
2
1
CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

74160 TRAVIS AFB CA

73-83

| STATION NAME | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 1
MEAN | 1019.11 | 1018.81 | 1015.91 | 1016.11 | 1013.21 | 1012.41 | 1012.11 | 1012.11 | 1012.21 | 1015.51 | 1018.61 | 1020.7 | 1015.5 |
| 1
S.D. | 6.192 | 6.187 | 5.960 | 3.703 | 3.174 | 3.178 | 2.714 | 2.648 | 2.780 | 3.407 | 5.151 | 5.332 | 5.345 |
| 1
TOTAL OBS. | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 309 | 3650 |
| 2
MEAN | 1019.11 | 1018.51 | 1015.61 | 1016.01 | 1013.31 | 1012.51 | 1012.31 | 1012.21 | 1012.31 | 1015.61 | 1018.71 | 1020.7 | 1015.5 |
| 2
S.D. | 6.26 | 6.303 | 5.986 | 3.766 | 3.143 | 3.128 | 2.682 | 2.633 | 2.701 | 3.475 | 5.193 | 5.276 | 5.320 |
| 2
TOTAL OBS. | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 3
MEAN | 1019.41 | 1019.01 | 1016.41 | 1016.61 | 1014.31 | 1013.51 | 1013.51 | 1013.41 | 1013.51 | 1016.51 | 1019.21 | 1021.0 | 1016.4 |
| 3
S.D. | 6.279 | 6.453 | 6.102 | 3.982 | 3.123 | 3.117 | 2.644 | 2.586 | 2.672 | 3.509 | 5.244 | 5.326 | 5.201 |
| 3
TOTAL OBS. | 300 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3650 |
| 4
MEAN | 1020.61 | 1019.81 | 1017.21 | 1017.41 | 1014.71 | 1013.91 | 1014.01 | 1014.01 | 1014.21 | 1017.41 | 1020.21 | 1022.2 | 1017.1 |
| 4
S.D. | 6.327 | 6.562 | 6.153 | 3.878 | 3.156 | 3.063 | 2.605 | 2.574 | 2.692 | 3.523 | 5.297 | 5.393 | 5.349 |
| 4
TOTAL OBS. | 309 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 308 | 300 | 310 | 3648 |
| 11
MEAN | 1019.11 | 1018.71 | 1016.31 | 1016.51 | 1013.81 | 1013.11 | 1013.11 | 1013.01 | 1012.91 | 1015.81 | 1018.71 | 1020.5 | 1015.9 |
| 11
S.D. | 6.258 | 6.439 | 5.953 | 3.751 | 3.143 | 3.097 | 2.675 | 2.638 | 2.649 | 3.418 | 5.244 | 5.434 | 5.183 |
| 11
TOTAL OBS. | 309 | 282 | 310 | 300 | 310 | 300 | 309 | 310 | 299 | 310 | 300 | 310 | 3609 |
| 16
MEAN | 1018.31 | 1017.61 | 1015.11 | 1015.31 | 1012.51 | 1012.01 | 1011.71 | 1011.51 | 1011.41 | 1014.71 | 1017.81 | 1019.7 | 1014.8 |
| 16
S.D. | 6.176 | 6.364 | 5.733 | 3.644 | 3.173 | 3.114 | 2.790 | 2.719 | 2.699 | 3.494 | 5.236 | 5.511 | 5.275 |
| 16
TOTAL OBS. | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 308 | 300 | 310 | 299 | 310 | 3649 |
| 17
MEAN | 1018.11 | 1017.81 | 1015.31 | 1015.21 | 1012.31 | 1011.81 | 1011.41 | 1011.21 | 1011.31 | 1014.91 | 1018.01 | 1020.0 | 1014.8 |
| 17
S.D. | 6.176 | 6.397 | 5.622 | 3.562 | 3.171 | 3.144 | 2.783 | 2.735 | 2.719 | 3.538 | 5.207 | 5.388 | 5.373 |
| 17
TOTAL OBS. | 309 | 282 | 310 | 300 | 310 | 300 | 309 | 309 | 300 | 310 | 300 | 309 | 3648 |
| 12
MEAN | 1019.21 | 1018.41 | 1016.11 | 1016.01 | 1013.21 | 1012.61 | 1012.21 | 1012.01 | 1012.11 | 1015.51 | 1018.61 | 1020.7 | 1015.5 |
| 12
S.D. | 6.145 | 6.409 | 5.653 | 3.636 | 3.203 | 3.100 | 2.735 | 2.711 | 2.708 | 3.460 | 5.236 | 5.260 | 5.313 |
| 12
TOTAL OBS. | 311 | 281 | 310 | 300 | 309 | 300 | 310 | 309 | 300 | 310 | 300 | 310 | 3649 |
| ALL HOURS
MEAN | 1019.21 | 1018.61 | 1016.01 | 1016.21 | 1013.41 | 1012.71 | 1012.51 | 1012.41 | 1012.51 | 1015.71 | 1018.71 | 1020.7 | 1015.7 |
| ALL HOURS
S.D. | 6.245 | 6.413 | 5.925 | 3.802 | 3.246 | 3.187 | 2.827 | 2.803 | 2.850 | 3.565 | 5.262 | 5.401 | 5.344 |
| ALL HOURS
TOTAL OBS. | 2476 | 2255 | 2480 | 2400 | 2477 | 2400 | 2478 | 2476 | 2399 | 2478 | 2398 | 2478 | 29195 |